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## ABSTRACT

Presented in this thesaurus are keywords and cross references for the indexing and retrieval of outdoor recreation literature. It was compiled to facilitate the development of a common language for outdoor recreation planning, programming, research, and resource management. Terms selected are pertinent to both the natural and physical resources, their value, management, development, and user requirements. The format consists of six sections: (1) alphabetical list of terms with notes showing broader term (BT), narrower term (NT), scope note (SN), preferred term (USE), and UF meaning used for or instead of another term or concept; (2) straight alphabetical listing of terms; (3) display of terms alphabetically within 26 subject categories; (4) grouped array of terms rotated within each of the 26 groups; (5) a rotated array of all terms; and (6) a classified arrangement of terms based on the major categories: (a) Outdoor Recreation Resources and Facilities, (b) Administration, (c) Recreation Activities, Equipment, and Users, (d) Economic Aspects, and (e) Supporting Information. An explanation of sample listings is given together with suggestions for using the thesaurus. (BL)

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THESAURUS OF OUTDOOR RECREATION TERMS

Keywords and Cross References for the Indexing  
and Retrieval of Outdoor Recreation Literature

Revised Edition

Department of Recreation and Parks  
Texas A&M University  
and the  
Bureau of Outdoor Recreation

DEPARTMENT OF THE INTERIOR  
Walter J. Hickel, Secretary

Washington, D. C.  
1970

THESAURUS OF OUTDOOR RECREATION TERMS

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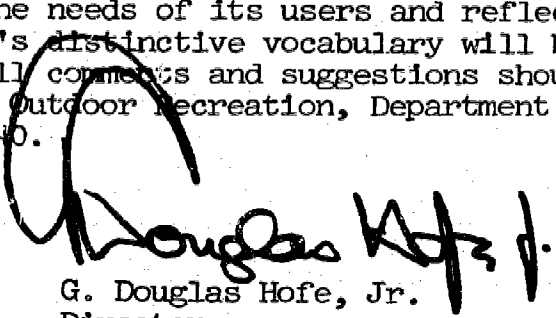
## FOREWORD

This thesaurus of outdoor recreation terms is the result of an attempt to recognize and facilitate the development of a common language for outdoor recreation planning, programming, research, and resource management. It reflects the fact that the volume of information and literature on outdoor recreation has assumed major dimensions and that the concepts of recreation planning, programming, and resource development have matured to the point where distinctive usage of language is important to communication.

The purpose of this thesaurus is to provide a framework for the organization of information, and a tool for making access to information more efficient. Applicable to both the published and unpublished sources of information, this tool permits authors, editors and researchers to describe the content of reference material in depth, and indicate relationships to other data sources. On both the conceptual and applied levels, the Thesaurus of Outdoor Recreation Terms responds to the needs of scientific and professional personnel, the academic community, governmental agencies and other public institutions.

Initial planning for the development of this thesaurus and a related information retrieval program was commenced in the summer of 1964 by the Division of Research and Education of the Bureau of Outdoor Recreation. In 1965, working liaison was established with the Department of Indian Affairs and Northern Development of the Canadian Government for exchange of information. The building of the thesaurus began early in 1966 as a joint effort of the Bureau of Outdoor Recreation and Department of Interior Library. The initial draft was tested through use in the Bureau of Outdoor Recreation's Index of Selected Outdoor Recreation Literature in 1967 and 1968. This usage, as well as advice from selected reviewers, revealed needs for expansion and revision. Dr. Richard L. Bury, of the Department of Recreation and Parks, Texas A&M University, undertook the formidable task of compiling the present edition to accommodate these needs.

The value of this thesaurus must be proved through experience. Its future refinement to meet the needs of its users and reflect the evolution of outdoor recreation's distinctive vocabulary will be aided by reactions from its users. All comments and suggestions should be sent to the Director, Bureau of Outdoor Recreation, Department of the Interior, Washington, D. C. 20240.

  
G. Douglas Hofe, Jr.  
Director

## INTRODUCTION

### Scope and Format

The vocabulary of outdoor recreation crosses a number of disciplines. The scope of this thesaurus is therefore broad. In the construction of the Thesaurus of Outdoor Recreation Terms, the information needs of outdoor recreation administrators and researchers are given primary consideration. Therefore, an attempt has been made to select terms or combinations of terms which are pertinent to both the natural and physical resources, their management and development, and values, and to the needs of people.

The format is similar to that used in the Thesaurus of Engineering Terms, Engineers Joint Council, 1964 and Water Resources Thesaurus, Office of Water Research, U. S. Department of the Interior, 1966. The Thesaurus of Outdoor Recreation Terms contains more than 2,200 descriptors, displayed in six arrays:

- a. Alphabetical array, with notes
- b. Alphabetical listing
- c. Grouped arrays, alphabetical within groups
- d. Grouped arrays, rotated within groups
- e. Rotated array, all terms
- f. Classified array, all terms

The first array consists of an alphabetical list of the terms with notes showing for reference purposes the Broader Term (BT), and the Narrower Term (NT), Scope Note (SN) defining potentially ambiguous terms in outdoor recreation, USE signifying the preferred term, and UF meaning used for or instead of another term or concept. Narrower terms (NT) are preceded by a dash when even narrower terms exist.

The second array is a straight alphabetical listing of terms. The user is guided by USE where the preferred term is noted, and by UF in the reciprocal situation where one term is used in preference to another. For example on page 1, the term Accommodations is followed by USE Lodgings. Thus Lodgings is the preferred term. On page 20, Lodgings is followed by UF Accommodations, implying it is used for or in preference to Accommodations.

The third array displays the terms alphabetically within 26 subject categories. As a further convenience to persons desirous of setting up broader category files, these 26 subject categories are assigned

to the headings Administration; Economic Aspects; Outdoor Recreation Resources and Facilities; Recreation Activities, Equipment, Users; and Supporting Information.

The fourth list, consisting of the grouped array with terms rotated or permuted within each group, permits the user to browse for descriptors without knowing the exact wording of the multi-word descriptor. Multi-word terms are listed in the appropriate alphabetical position for each significant word in the descriptor. Each descriptor is listed as many times as it has words; a descriptor of two words will be listed twice. For example, the descriptor SITE DESIGN will appear alphabetically under both S and D.

The fifth array sets forth the entire term list in a rotated or permuted fashion. Multi-word terms thus appear as many times as there are words. Each principal word will be shown in its appropriate alphabetical position as mentioned above.

The last array shows the terms in a classified arrangement based on the major categories (I) Outdoor Recreation Resources and Facilities; (II) Administration; (III) Recreation Activities, Equipment, and Users; (IV) Economic Aspects; (V) Supporting Information. Sub-categories are shown under each of these five major headings and can serve as a guide to structuring information storage and filing systems.

In addition to the more than three years' actual experience by Bureau of Outdoor Recreation professionals in using appropriate reference terms for indexing outdoor recreation literature, the following helpful sources of recreation terms were also used:

Clawson, M. Statistics on Outdoor Recreation. Washington, D. C.: Resources for the Future, 1958, 165 p.

Clawson, M. and J. L. Knetsch. Outdoor Recreation Research; Some Concepts and Suggested Areas of Study. Washington, D. C.: Resources for the future, 1963, 25 p. (Reprint No. 43)

Clawson, M., R. B. Held, and C. H. Stoddard. Land for the Future Baltimore: Johns Hopkins Press, 1960, 570 p.

- Parquhar, C. The Sportsman's Almanac. New York: Harper and Row, 1965, 493 p.
- Gabrielson, I., ed. The Fisherman's Encyclopedia. Harrisburg, Pa.: Stackpole, 1963, 759 p.
- Maxwell, B. J. and H. D. Sessoms. Glossary of Recreation Terms for the Public and Medical Setting. Raleigh, North Carolina: Recreation Commission, 1962, 36 p. (Publication No. 20, Revised)
- Menke, F. G. The Encyclopedia of Sports, 3rd rev. ed. New York: Barnes, 1963, 1,007 p.
- Pinkerton, J. R. and Marjorie J. Pinkerton. Outdoor Recreation and Leisure: A Reference Guide and Selected Bibliography. School of Business and Public Administration, University of Missouri, Columbia, Missouri, 1969, 333 p.
- Rosenthal, E. P., Outdoor Recreation, Current Periodicals. Washington, D. C.: Department of the Interior Library, 1964, 16 p.
- U. S. Bureau of Outdoor Recreation. Proposed Definitions of Terms Commonly Used in Outdoor Recreation. Unpublished working paper, 1964, 23 p.
- U. S. Library of Congress. Outdoor Recreation Literature: A Survey. Washington, D. C.: U. S. Government Printing Office, 1962, 137 p. (ORRRC Study Report 27)
- U. S. National Park Service. Areas Administered by the National Park Service. Registry of National Landmarks. Washington, D. C.: U. S. Government Printing Office, 1965, 62 p.
- U. S. National Park Service. National Park Service Glossary of Commonly Used Terms. Washington, D. C. 1960, 82 p.
- U. S. Outdoor Recreation Resources Review Commission. National Recreation Survey Report. Washington, D. C.: U. S. Government Printing Office, 1962, 394 p. (ORRRC Study Report 19)
- U. S. Outdoor Recreation Resources Review Commission. Outdoor Recreation for America, A Report to the President and to the Congress. Washington, D. C.: 1962, 245 p.
- The World Almanac and Book of Facts 1966. New York, New York: World-Telegram and the Sun, 1966, 896 p.

## Sample Listings of Terms and Cross References with Explanations

The terms are arranged in alphabetical order, letter-by-letter, without regard to hyphens or spaces. In the hierarchical chain, a descriptor may appear more than once as a narrower term. That is, it may be printed as a narrower term under two concepts. Abbreviations used to denote relationships or cross references are given with each descriptor. Examples of each are as follows:

### 1. BROADER TERM      BT

A term preceded by the BT notation indicates that is part of a larger concept. For instance,

Indian Campsites  
BT Archeological Resources  
signifies that among archeological resources of recreation interest are found Indian Campsites.

National Lakeshores  
BT National Park System  
(National Lakeshores are part of the entire National Park System).

Nature Centers  
BT Interpretive Facilities  
(Nature Centers are part of the broader concept of Interpretive Facilities).

### 2. NARROWER TERM      NT

A term preceded by the NT notation is more specific than the term under which it is printed. A dash (-) preceding the term means there are narrower terms.

Aesthetic Values  
BT Human Values  
  
NT Appreciation  
-Natural Beauty

Natural Environment  
BT Ecology

NT Flyways  
Natural Areas

Racing  
BT Spectator Events  
Vehicular Activities

NT Air racing  
Auto racing  
Bicycle racing  
Boat racing  
Horse racing

Occasionally a term may be used with different connotations. In such cases, the term is repeated with the specific concept in parentheses. For example:

Forests (Administrative Units)  
BT Administrative Units  
NT County Forest System  
Municipal Forest System  
Private Forests State Forests  
State Forests  
Watershed Forests

Forests (Tree Communities)  
BT Vegetation

### 3. CROSS REFERENCES

#### (a) USE

The USE reference denotes the preferred usage.

Examples:

Cascades	USE Rapids
Free Flowing Rivers	USE Wild Rivers
Plants	USE Vegetation

#### (b) UF

The Used for (UF) reference is the mandatory reciprocal of the "USE" reference

Examples:

Rapids	UF Cascades
Adverse Uses	UF Misuses
Camping space	UF Family Units
Economic Analysis	UF Economic Studies
Wild Rivers	UF Free Flowing Rivers



#### 4. SCOPE NOTE (SN)

A Scope Note indicates the intended usage of a descriptor, usually in instances where more than one meaning or interpretation is possible.

#### Using the Thesaurus

This Thesaurus of Outdoor Recreation Terms is essentially an information indexing and retrieval tool. It does not provide the meaning of words or terms as found in a dictionary; instead, it serves as a guide to the outdoor recreation vocabulary and shows relationships of terms. It is, then, a word-association list generically structured to permit the description of a document to the desired level of generality or specificity at input and to permit description of the information required at output in equally precise terms.

The Thesaurus of Outdoor Recreation Terms is a flexible authority list for vocabulary control that provides for the use of terms in combination for concept coordination using manual, semiautomatic or computer methods.

Though the thesaurus has been developed primarily for coordinate indexing systems, it can be used in traditional subject heading systems, such as library card catalogs and specific subject indexes. The essential difference between subject heading and coordinate indexing systems is that combinations of terms in subject headings are fixed at the time of indexing or cataloging, whereas terms in coordinate indexing systems can be manipulated at the time of searching, enabling the person looking for information to coordinate several terms simultaneously in any combination. Any authorized term in the thesaurus may be used either as a main subject heading or as a subordinate heading in a printed index, depending upon the emphasis of the subject matter being described.

In using this essential tool for indexing outdoor recreation literature, an indexer or abstractor seeks the descriptors which most accurately describe the content of the article or document under review. As the indexer/abstractor selects the appropriate term or terms, the broader and narrower terms are revealed suggesting additional concepts needing indexing. However, a thesaurus vocabulary is most effective for storage and retrieval when unrelated keywords are chosen to identify a report. For example, a document on Water Rights is better identified for retrieval by using the descriptor terms Water Resources, Riparian Rights, Pollution Control, Legislation, Water Quality and International Cooperation than by the less sweeping terms Water Resources, Water Pollution, Water Use and River Basins.



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THESAURUS OF OUTDOOR RECREATION TERMS

Alphabetical Array With Notes

Ability to Pay  
BT Financing

Abstracts  
BT Sources of Information UF Reference Materials

Access Roads  
BT Roads

Accessibility  
BT Resource Engineering  
Suitability of Resources

Accessibility of Opportunities  
BT Factors Affecting Use  
NT Driving Time

Accessibility of Resources  
BT Resource Characteristics  
NT Driving Time

Accident Prevention  
BT Accidents

Accidents  
BT Personnel Management for Visitors and Staff  
NT Accident Prevention  
Injuries

Accommodation Expenditures  
BT Expenditures by Users

Accommodations USE Lodgings  
BT Lodgings UF Accommodations  
Visitor Service Facilities

Accreditation  
BT Education

Acid Mine Drainage  
BT Water Quality Control

Acquisition Costs  
BT Capital Costs  
Investment Costs  
NT Compensation  
Condemnation Values

AN 2

#### Acquisition of Land

- BT Development Process
- NT -Easements
  - Eminent Domain
  - Fee Purchases
  - Land Description
- Leases
  - Less-Than-Fee Interests
  - Options
  - Purchases and Lease-Back
  - Trust Deeds
  - Value Estimates

#### Activities

- BT Demand Predictions
- Needs

#### Activity Occassions

- SN A single experience with a single recreation activity by one user during one day; a user may aggregate several activity occasions during a single day.
- BT Measurement Units
- Units of Use

#### Adirondack Shelters

- BT Lodgings UF Accommodations

#### Adjudication Procedures

- BT Litigation

#### Administration

- BT Implementation of Plans
- Management Levels
- NT -Administrative Functions and Levels
- Administrative Programs
- Administrative Structures and Developments
- Financing
- Laws and Legal Procedures
- Personnel
- Personnel Management for Visitors and Staff
- Philosophical Concepts
- Planning and Design UF Environmental Design
- Policies
- Policy-Making Process
- Private Properties
- Problems of Management
- Promotion and Marketing UF Publicity
- Public Agencies
- Resource Management UF Environmental Design; Land Management

**Administrative Developments**

- BT Administrative Structures and Developments
- NT -Motor Pools
  - Power Systems
- Reservoirs
- Roads
- Sanitation Systems
- Signs
- Water Supply Systems

**Administrative Functions and Levels**

- BT Administration
- NT Operation and Maintenance
  - Policy Translation
- Policy-Making Process

**Administrative Personnel**

- BT Personnel
- NT Advisory Committees
  - Boards or Commissions
- Directors of Recreation and Parks

**Administrative Procedures**

- BT Legal Procedures and Remedies

**Administrative Programs**

- SN Governmental agency programs that promote long-run enjoyment of the outdoor environment.
- BT Administration
- NT Coordination Programs
  - Financial Assistance Programs
  - Information Programs
  - Recreation Programs
  - Regulatory Programs
  - Research Programs
  - Resource Management Programs
  - Technical Assistance Programs
  - Training and Education Programs

**Administrative Regulations**

- BT Control of Resource Uses
  - Laws and Legal Procedures
  - Policies
  - Resource Management UF Environmental Design; Land Management
  - Sources of Information UF Reference Materials
  - Sources of Law
- NT Custom Regulations
  - Fees
  - Licenses

AN 4

Permits  
Regulatory Programs  
Special-District Regulations  
Zoning Regulations

Administrative Structures

BT Administrative Structures and Developments  
NT Dormitories  
Park Offices  
Personnel Housing  
Training Centers  
Workshop Buildings

Administrative Structures and Developments

BT Administration  
NT -Administrative Developments  
-Administrative Structures

Administrative Units

BT Alternative Solutions  
Outdoor Recreation Resources and Facilities  
NT Back-Country USE Wilderness Areas  
Bird Sanctuaries USE Wildlife Refuges  
County Recreation Areas  
Cultural Areas and Sites  
-Federal Areas  
Flowage Easement Lands  
-Forests (Administrative Units)  
-Historic Areas and Sites  
Indian Lands  
-Military Lands  
-Municipal Areas  
-Natural Areas  
-Parks  
Primitive Areas USE Wilderness Areas  
-Recreation Areas  
Recreation Districts  
-Recreation Resource Classes  
Refuges USE Wildlife Refuges  
Resorts  
-State Areas  
-Wilderness Areas UF Back-Country; Primitive Areas  
-Wildlife Areas

Adults

BT User Types

Adverse Uses UF Misuses

- BT Encroachment
- Personnel Management for Visitors and Staff
- NT Misuses USE Adverse Uses
- Nuisances
- Vandalism

Advertising

- BT Mass Media
- Promotion and Marketing UF Publicity
- NT Billboards USE Outdoor Advertising
- Direct Mail Advertising
- Magazine Advertising
- Newspaper Advertising
- Outdoor Advertising UF Billboards

Advertising Costs

- BT Marketing and Promotion Costs

Advisory Committees

- BT Administrative Personnel

Aerial Photographs

- BT Photographs
- Potential Recreational Opportunities

Aesthetic Satisfaction

- BT Design Criteria

Aesthetic Values

- BT Human Values
- NT Appreciation
- Natural Beauty

Aesthetics

- BT Applied Arts
- Criteria for Alternative Solutions
- Mental Effects
- Philosophies of Resource Use
- NT Appreciation
- Natural Beauty
- Perception of Landscape

Aesthetics vs Utility

- BT Controversial Issues

Affluence

- BT Factors Affecting Use

AN 6

Aged UF Elderly; Retired; Senior Citizens  
BT User Types

Ages  
BT User Characteristics

Air Pollution UF Smog  
BT Pollution

Air Racing  
BT Racing

Air Rights  
BT Property Rights

Air Travelling  
BT Travelling

Airfields USE Airports  
BT Airports UF Airfields

Airlines  
BT Transportation Services

Airplanes  
BT Vehicular Sports Equipment

Airports UF Airfields  
BT Touring and Exploring Facilities  
NT Airfields USE Airports

Algae  
BT Vegetation

Allocation of Resources  
BT Alternative Resources Uses  
Alternative Solutions  
Conservation  
Economic Aspects  
Implementation of Plans  
NT Coordination Among Suppliers  
-Economic Resource Allocation  
-Management Objectives  
-Political Resource Allocation  
-Resource Characteristics  
-Resource Types

Alpine Equipment  
BT Touring Equipment



# **Alternative Resource Uses**

BT Resource Uses

NT -Allocation of Resources

Compatible Resource Uses

Competing Resource Uses

Complementary Resource Uses

Coordination of Management

Coordination of Uses

Selection of Best Alternative

# **Alternative Solutions**

BT Conservation

Planning Analysis

Research Process UF Scientific Method

NT -Administrative Units

-Allocation of Responsibilities

Area Selection

Cluster Developments

Conceptualization

-Historical and Cultural Resources

-Location

-Multiple Use Management

-Natural Resources

Planned Capacity

Recommendations

Recreation Complexes

Recreation Facilities

-Site Selection

# **Amenities**

BT Justification for Plans

# **American History**

BT Historical Foundations

# **Amount of Benefits**

BT Benefits

NT Benefit Allocations

-Benefit Analysis

Quality Impacts on Benefits

# **Amphitheaters USE Outdoor Theaters**

BT Interpretive Facilities

# **Amusement Parks**

BT Recreational Facilities

AN 8

**Amusements USE Recreation Activities**

BT Recreation Activities UF Amusements; Play

**Anadromous Fish**

BT Fish

NT Salmon

**Analytical Techniques**

BT Research Methods UF Methodology

NT Critical Path Techniques  
Systems Analysis

**Animal Pathology**

BT Pathology

NT -Entomology  
Pesticides  
Predator Control

**Animal Shows**

BT Spectator Events

NT Dog Trials  
Horse Shows

**Animals**

BT Destructive Factors

Natural Resources UF Resources; Physiography

NT -Birds

Endangered Species

-Fish

Fisheries

Game USE Wildlife

-Insects

-Mammals

Wildlife UF Game

**Annual Benefits**

BT Short-Run Benefits

**Annual Costs**

BT Short-Run Costs

**Annual Revenues**

BT Short-Run Revenues

**Antelopes**

BT Mammals

Anthropology

- BT Social Sciences
- NT Ethnology

Antique Cars

- BT Automobiles

Appellate Procedures

- BT Litigation

Applied Arts

- BT Knowledge
- NT Aesthetics
- Landscape Architecture

Appraisals

- BT Valuation of Tangible Benefits

Appreciation

- BT Aesthetics
- Aesthetic Values
- Education

Appropriate Use

- BT Conservation

Appropriations

- BT Financing
- Purposes of Legislation

Approval of Plans

- BT Implementation of Plans
- NT Building Departments
- Decision-Making
- Laws
- Legal Procedures
- Planning Commissions
- Planning Departments
- Political Opportunities
- Power Structure
- Pressure Groups USE Special Interest Groups
- Special Interest Groups UF Pressure Groups

Aquariums

- BT Interpretive Facilities

Aquatic Plant Control

- BT Plant Pathology

AN 10

Aquatic Sports USE Water Sports  
BT Recreation Activities UF Amusements; Play

Arboretums  
BT Interpretive Facilities

Archeological Resources  
BT Historical and Cultural Resources  
NT Artifacts  
Burial Grounds and Graves  
Indian Campsites  
Indian Village Sites  
Petroglyphs and Pictographs

Archeology  
BT Historical Foundations  
Social Sciences

Archery  
BT Marksmanship

Archery Courses  
BT Marksmanship Facilities

Archery Equipment  
BT Hunting Equipment  
Shooting Equipment

Area Boundaries  
BT Planning Constraints

Area Design  
BT Design Types

Area Development USE Economic Development  
BT Economic Development

Area Planning  
BT Planning Areas

Area Selection  
BT Alternative Solutions

Area Types  
BT Planning Constraints

Areal Distributions USE Geographical Distributions  
BT Location

**Arenas**

BT Spectator Facilities

**Art Equipment**

BT Equipment for Outdoor Recreation

NT -Photographic Equipment

**Art Museums and Galleries**

BT Artistic Facilities

Cultural Resources

**Artifacts**

BT Archeological Resources

**Artistic Activities UF Creative Recreation**

BT Recreation Activities UF Amusements; Play

NT -Arts and Crafts

-Performing Arts

-Photography

**Artistic Facilities**

BT Recreational Facilities

NT Art Museums and Galleries

Bandstands

Cultural Centers

Dance Pavilions

Gardens

Outdoor Theaters

**Arts and Crafts**

BT Artistic Activities

Cultural Resources

NT Painting

Sculpture

**Assets**

BT Financing

**Athletic Competitions USE Tournaments**

BT Cultural Resources

**Athletic Equipment**

BT Track and Field Equipment

**Athletic Fields**

BT Spectator Facilities

NT Hockey Fields

AN 12

**Atlases**

BT Sources of Information UF Reference Materials

**Attendance USE Recreation Use**

BT Demand Predictions  
Recreation Use UF Attendance

**Attitudes**

BT User Characteristics

**Attraction Development Base**

BT Potential Recreational Opportunities

**Attraction Indexes**

BT Measurement Units  
Recreational Opportunities  
Suitability of Resources

**Auto Racing**

BT Racing

**Auto Service Stations**

BT Transportation Services

**Auto Touring**

BT Touring and Exploring

**Automobiles**

BT Vehicular Sports Equipment  
NT Antique Cars  
Racing Cars  
Sports Cars

**Autumn**

BT Seasons

**Avalanches**

BT Geological Resources

**Average Benefits**

BT Benefit Types

**Average Costs**

BT Cost Types

**Average Revenues**

BT Revenues

## Awareness

BT Education

## Back-Country USE Wilderness Areas

BT Administrative Units

## Backpacking

BT Hiking

## Badminton Courts

BT Ballgame Facilities

## Baggage Handling Facilities

BT Transportation Services

## Balance of Design

BT Design Criteria

## Balance of Nature

BT Conservation

## Balanced Rocks

BT Geological Resources

## Ball Games

BT Recreation Activities UF Amusements; Play

NT Baseball

Basketball

Boccie Ball

Captains Ball

Codeball-on-the-Green

Corkball

Cricket

Croquet

Dodgeball

Field Hockey

Fieldball

Fistball

Football

Golf

Handball

Hitball

Hurling

Jai-Alai

Lacrosse

Lawn Bowling

Paddle Tennis

Polo

Rugby  
Soccer  
Softball  
Squash  
Team Sports  
Tennis  
Tether Ball  
Volleyball

Ballet

BT Dancing

Ballgame Equipment

BT Equipment for Outdoor Recreation

NT Balls

Baskets

Bats

Gloves

Goalposts

Golf Equipment

Mallets

Nets

Raquets

Shuttlecocks

Ballgame Facilities

BT Recreational Facilities

NT Badminton Courts

Baseball Diamonds

Basketball Courts

Football Fields

Handball Courts

Softball Diamonds

Volleyball Courts

Ballroom Dancing

BT Dancing

Balls

BT Ballgame Equipment

Bandstands

BT Artistic Facilities

Barbecues USE Fireplaces and Grills

BT Outdoor Cooking

Outdoor Living Facilities



## Barracks

BT Historic Resources

## Base Camps

BT Campgrounds

## Baseball

BT Ball Games

## Baseball Diamonds

BT Ballgame Facilities

## Basketball

BT Ball Games

## Basketball Courts

BT Ballgame Facilities

## Baskets

BT Ballgame Equipment

## Bass

BT Freshwater Fish

## Bathhouses

BT Water Sports Facilities

## Bathing Beaches USE Beaches

BT Water Resources

## Bats

BT Ballgame Equipment

## Battlefields

BT Historic Resources

## Beachcombing

BT Collecting

## Beaches

BT Water Sports Facilities

## Beaches UF Bathing Beaches

BT Water Resources

## Bears

BT Mammals

Beautification

BT Natural Beauty

Beneficial Uses

BT Philosophies of Resource Use

Benefit Allocations

BT Amount of Benefits

Benefit Analysis

BT Amount of Benefits

NT Benefit Comparisons

Benefit Determinations

Benefit Estimations

Benefit Predictions

Benefit-Cost Analysis UF Cost-Benefit Analysis

Benefit Comparisons

BT Benefit Analysis

Benefit Determinations

BT Benefit Analysis

Benefit Estimations

BT Benefit Analysis

Benefit Predictions

BT Benefit Analysis

Benefit Types

BT Benefits

NT Average Benefits

Direct Benefits

Indirect Benefits

Induced Benefits

Intangible Benefits

Joint Benefits

-Long-Run Benefits

Marginal Benefits

Non-Reimbursable Benefits

Primary Benefits

Reimbursable Benefits

Secondary Benefits

Separable Benefits

-Short-Run Benefits

Social Benefits

-Tangible Benefits

Total Benefits

User Benefits

**Benefit-Cost Analysis UF Cost-Benefit Analysis**

- BT Benefit Analysis
- Cost Analysis
- Economic Resource Allocation

**Benefits**

- SN Monetary or non-monetary values received by either recreation users or by managerial entities.
- BT Economic Aspects
  - Objectives of Planned Changes
- NT -Amount of Benefits
  - Benefit Types
  - Benefits to Individuals
  - Benefits to Society
  - Regional Economic Benefits
  - Therapeutic Recreation

**Benefits to Individuals**

- BT Benefits
  - Economic Impacts
  - Justification for Plans
  - Philosophical Concepts
- NT Financial Opportunities
- Valuation of Recreation

**Benefits to Society**

- BT Benefits
  - Economic Impacts
  - Justification for Plans
  - Philosophical Concepts

**Benefits to Society vs to Individuals**

- BT Controversial Issues

**Bibliographies**

- BT Sources of Information UF Reference Materials

**Bicycle Racing**

- BT Racing

**Bicycle Trails**

- BT Trails

**Bicycles**

- BT Cycling Equipment

**Bicycling**

- BT Cycling

AN 18

Bighorn Sheep

BT Mammals

Billboards USE Outdoor Advertising

BT Advertising

Biographies

BT Sources of Information UF Reference Materials

Biological Magnification

SN Successive accumulation of chemical pollutants through normal action of the food chain.

BT Ecology

Biological Sciences

BT Knowledge

NT Botany

-Ecology

Forestry

-Wildlife Management

Zoology

Biotic Extinction USE Extermination

BT Ecology

Bird Sanctuaries USE Wildlife Refuges

BT Administrative Units

Bird Watching

BT Observing Nature

Birds

BT Animals

NT -Game Birds

-Migratory Birds

-Predatory Birds

Shore Birds

Song Birds

Upland Birds

-Waterfowl

Birth Control USE Population Limitation

BT Conservation

Blacksmith Shops

BT Historic Resources

Bluefish

BT Saltwater Fish

## Boards or Commissions

BT Administrative Personnel

## Boat Cruising

BT Touring and Exploring

## Boat Docks

BT Water Sports Facilities

## Boat Launching Ramps

BT Water Sports Facilities

## Boat Motors

BT Boating Equipment

## Boat Racing

BT Racing

Water Sports UF Aquatic Sports

## Boat Rentals

BT Fees UF User Charges

## Boathouses

BT Water Sports Facilities

## Boating

BT Vehicular Activities

Water Sports UF Aquatic Sports

NT Canoeing

Iceboating

Motorboating

Rowing

Sailing

Yachting

## Boating Equipment

BT Water Sports Equipment

NT Boat Motors

-Boats

Oars and Paddles

Sails

## Boating Sites

BT Water Sports Facilities

## Boating Waters

BT Water Resources

Boats

- BT Boating Equipment
- NT Canoes
- Houseboats
- Kayaks
- Motorboats
- Racing Boats
- Rowboats
- Sailboats
- Yachts

Bobsled Runs

- BT Sledding

Boccie Ball

- BT Ball Games

Bogs USE Wetlands

- BT Water Resources

Bonds

- BT Capital Sources

Boroughs

- BT Local Governments

Botany

- BT Biological Sciences

Bounties

- BT Wildlife Management UF Game Management

Bow Hunting

- BT Hunting

Bowling Greens

- BT Marksmanship Facilities

Break-Even Point

- BT Financing

Bridges

- BT Transportation Services

Bridle Trails

- BT Touring and Exploring Facilities
- Trails

Broad Jumping

BT Track and Field Sports

Browsing

BT Wildlife Management UF Game Management

Budget

BT Planning Constraints

Budgeting

BT Financing

NT Contingency Costs

Building Departments

BT Approval of Plans

Bureaucracy

BT Implementation of Plans  
Policy-Making Process

Burial Grounds and Graves

BT Archeological Resources

Buses

BT Transportation Services

Business Administration

BT Social Sciences

Business Cycles

BT Economic Conditions

Business Offices

BT Historic Resources

Business Taxes

BT Taxes

Businesses USE Commercial Enterprises

BT Private Properties

Cacti

BT Vegetation

Cameras

BT Photographic Equipment

Camper Vehicles

BT Camping Equipment

AN 22

Campfire Cooking

BT Outdoor Cooking

Campgrounds

BT Outdoor Living Facilities

NT Base Camps

Camping Areas

Camping Space UF Family Units

Day Camps

Group Camps

Overflow Campgrounds

Tent Spaces

-Trailer Camps

Camping

BT Outdoor Living

NT Day Camping

Family Camping

Group Camping

Primitive Camping

Resident Camping

School Camping

Transient Camping

Camping Areas

BT Campgrounds

Camping Equipment

BT Outdoor Living Equipment

NT Camper Vehicles

Sleeping Bags

Tents

-Trailers

Camping Space UF Family Units

BT Campgrounds

Canals

BT Historic Resources

Water Resources

Canoe Trails

BT Trails

Canoeing

BT Boating

Canoes

BT Boats



Canyons

BT Geological Resources

Capacity Standards

BT Designed Capacities

Capital

BT Economic Resources

Capital Costs

BT Financing

Production Costs

NT -Acquisition Costs

Demand For Capital

-Development Costs

Equipment Costs

-Interest

Supply of Capital

Capital Gains Taxes

BT Taxes

Capital Improvements

BT Development Costs

Capital Sources

BT Financing

NT Bonds

Equity Capital USE Stocks

-Financial Assistance Programs

Private Capital

Stocks UF Equity Capital

Capitalization

BT Economic Analysis UF Economic Studies  
Financing

NT Capitalization Rates  
Capitalized Values

Capitalization Rates

BT Capitalization

Capitalized Values

BT Capitalization

Captains Ball

BT Ball Games

AN 24

Career Standards

BT Staff

Carrying Capacities

BT Ecology

Suitability of Resources

Supply of Recreational Opportunities

NT Social Carrying Capacities

Starvation

Cascades USE Rapids

BT Water Resources

Case Studies

BT Resource Management UF Environmental Design; Land Management  
Sources of Information UF Reference Materials

Cash UF Money

BT Financing

Cash Flow

BT Financing

Castle Rocks

BT Geological Resources

Catfish

BT Freshwater Fish

Caves

BT Geological Resources

Cemeteries and Graves

BT Historic Resources

Certification

BT Education

Chain of Economic Impacts

BT Economic Impacts

NT -Horizontal Economic Impacts

-Vertical Economic Impacts

Chambers of Commerce

BT Visitor Service Facilities

Charter Cruises

BT Transportation Services

**Charter Flights**

BT Transportation Services

**Choreography**

BT Dancing

**Church Recreation**

BT Recreation Settings

**Churches**

BT Historic Resources  
Religious Resources

**Churches and Church Groups**

BT Noncommercial Units

**Cities UF Municipalities**

BT Local Governments

**Citizen Responsibilities**

BT Philosophical Concepts

**City Planning**

BT Integrative Disciplines

**Civil Engineering**

BT Engineering

**Civil Rights**

BT Legal Rights

**Clamming**

BT Fishing

**Classification Systems**

BT Sources of Information UF Reference Materials  
NT Classifications of Resources

**Classifications of Resources**

BT Classification Systems  
Supply of Recreational Opportunities

**Clays**

BT Soil Textures

**Clerical Personnel**

BT Personnel

AN 26

Climate

- BT Destructive Factors
- Natural Resources UF Resources; Physiography
- NT Comfort Factors
  - Fog
  - Rain
  - Seasons
  - Smog USE Air Pollution
  - Snow
  - Storms
  - Sunshine
  - Temperature
  - Weather
  - Wind

Clothing Expenditures

- BT Expenditures by Users

Clout Shooting

- BT Marksmanship

Clubhouses

- BT Recreational Facilities

Cluster Developments

- BT Alternative Solutions
- Resource Uses

Coaches UF Trainers

- BT Recreation Leaders

Coastlines USE Shorelines

- BT Water Resources

Codeball-on-the-Green

- BT Research Methods UF Methodology

Coke and Charcoal Kilns

- BT Historic Resources

Collateral

- BT Financing

Collecting

- BT Recreation Activities UF Amusements; Play
- NT Beachcombing
- Collecting Plants
- Collecting Wildlife
- Photographing Nature

Photographing Sports  
Rockhounding

Collecting Equipment  
BT Equipment for Outdoor Recreation

Collecting Plants  
BT Collecting

Collecting Wildlife  
BT Collecting

College Education USE Higher Education  
BT Educational Levels

Colleges and Universities  
BT Media for Education

Colonies USE Recreation Communities  
BT Lodgings UF Accommodations

Color  
BT Design Criteria

Combination Buildings  
BT Lodgings UF Accommodations  
Visitor Service Facilities

Comfort Factors  
BT Climate

Comfort Stations USE Restrooms  
BT Sanitation Systems

Commercial Enterprises UF Businesses; Free Enterprise  
BT Private Properties  
NT Concessions  
Non-Recreation Enterprises  
Recreation Businesses USE Recreation Enterprises  
-Recreation Enterprises UF Recreation Businesses  
-Supporting Enterprises

Commercial Recreation  
BT Recreation Settings

Communication Media  
BT Public Relations

AN 28

Communications

- BT Knowledge
  - Personnel Management for Visitors and Staff
- NT Composition
  - Computer Science
  - Interpretation
  - Report Writing
  - Speech

Communications Services

- BT Visitor Service Facilities

Community Gains USE Indirect Economic Impacts

- BT Indirect Economic Impacts

Community Organizations

- BT Organizations

Community Recreation

- BT Recreation Settings

Compatible Resource Uses

- BT Alternative Resource Uses

Compensation

- BT Acquisition Costs

Competing Resource Uses

- BT Alternative Resource Uses

Competition Among Resource Uses

- BT Resource Characteristics

Complementarity

- BT Economic Analysis UF Economic Studies

Complementary Resource Uses

- BT Alternative Resource Uses

Composition

- BT Communications

Comprehensive Outdoor Recreation Plans USE Outdoor

- BT Planning and Design UF Environmental Design
- NT Comprehensive Plans UF Comprehensive Outdoor Recreation
  - Historic Preservation Plans
  - Land Use Plans
  - Long-Term Plans USE Master Plans

Master Plans  
 Outdoor Recreation Plans UF Comprehensive Outdoor Recreation Plans  
 Preliminary Plans UF Sketch Plans  
 Regional Plans  
 Short-Term Plans  
 Site Plans  
 Sketch Plans USE Preliminary Plans  
 Transportation Plans

Comprehensive Plans UF Comprehensive Outdoor Recreation Plans  
 BT Comprehensive Outdoor Recreation Plans USE Outdoor Recreation Plans

Computer Programming  
 BT Electronic Data Processing

Computer Science  
 BT Communications

Concepts  
 BT Education

Conceptualization  
 BT Alternative Solutions  
 Design Process

Concessions  
 SN Authorizations granted to a commercial enterprise to operate,  
 within a park, facilities and services which are needed by  
 park visitors, but not supplied by the parks administration.  
 (NPS, p 18)  
 BT Commercial Enterprises UF Businesses; Free Enterprise

Conclusions  
 BT Design Process  
 Research Process UF Scientific Method

Condemnation USE Eminent Domain  
 BT Legal Procedures and Remedies

Condemnation Values  
 BT Acquisition Costs  
 Valuation of Tangible Benefits

Condition of Resources  
 BT Suitability of Resources

Conflict Resolution  
 BT Integrative Disciplines

AN 30

Congestion USE Crowding  
BT Population Distribution

Congresses and Conventions USE Meetings and Conferences  
BT Education

#### Conservation

BT Integrative Dicipines  
Resource Management UF Environmental Design; Land Management  
NT -Allocation of Resources  
-Alternative Solutions  
Appropriate Use  
Balance of Nature  
Birth Control USE Population Limitation  
Ethics  
Life Cycle  
Population Explosion  
Population Limitation UF Birth Control  
Preservation  
-Protection of Resources  
Rehabilitation of Resources UF Restoration  
Resource USE Philosophies  
Restoration USE Rehabilitation of Resources  
Soil Conservation  
Survival  
Sustained Yield  
Technology

Conservation Education USE Environmental Education  
BT Education

Conservation Programs  
BT Resource Management UF Environmental Design; Land Management

Constitutions  
BT Sources of Law

Constitutions and Organic Acts  
BT Purposes of Legislation

Construction  
BT Development Process  
Planning Analysis  
NT Construction Contractors  
-Contracts  
Inspections of Construction  
Plan Specifications



- Construction Contractors
  - BT Construction
- Construction Costs
  - BT Development Costs
- Construction Plans
  - BT Design UF Layout
  - NT Drawings
  - Specifications
- Contingency Costs
  - BT Budgeting
  - Purposes of Costs
- Contra Dancing
  - BT Dancing
- Contract Administration
  - BT Contracts
  - Legal Procedures and Remedies
- Contract Claims
  - BT Legal Procedures and Remedies
- Contract Liability
  - BT Legal Liability
- Contract Rights
  - BT Legal Rights
  - NT Employment
  - Insurance
  - Personal Services
  - Sales
- Contracts
  - BT Construction
  - NT Contract Administration
- Control of Resource Uses
  - BT Implementation of Plans
  - NT -Administrative Regulations
  - Legislation
  - Zoning
- Controversial Issues
  - BT Problems of Management
  - NT Aesthetics vs Utility

Benefits to Society vs to Individuals  
Local Residents vs Non-Local Residents  
Preservation vs Utilization  
Public Sector vs Private Sector  
Quality vs Quantity

Coordination

BT Policy-Making Process

Coordination Among Suppliers

BT Allocation of Responsibilities

Coordination of Management

BT Alternative Resource Uses  
Planning Constraints

Coordination of Suppliers

BT Planning Constraints

Coordination of Uses

BT Alternative Resource Uses  
Planning Constraints

Coordination Programs

BT Administrative Programs

Corkball

BT Ball Games

Cost Allocations

BT Cost Analysis

Cost Analysis

BT Costs of Administration  
NT Benefit-Cost Analysis  
Cost Allocations  
Cost Comparisons  
Cost Estimates  
Cost Functions  
Escalation of Costs  
Quality Impacts on Costs  
Scale Economies

Cost Comparisons

BT Cost Analysis

Cost Estimates

BT Cost Analysis

## Cost Functions

BT Cost Analysis  
Economic Analysis UF Economic Studies

## Cost Recovery UF Cost Repayment

BT Financing

## Cost Repayment USE Cost Recovery

BT Financing

## Cost Sharing

BT Financing

## Cost Types

BT Costs of Administration

NT Average Costs

Direct Costs

Fixed Costs

Indirect Costs

Induced Costs

Intangible Costs

Joint Costs

-Long-Run Costs

Marginal Costs

Non-Reimbursable Costs

Opportunity Costs

Primary Costs

Reimbursable Costs

Secondary Costs

Separable Costs

-Short-Run Costs

Social Costs

Sunk Costs

Tangible Costs

Total Costs

Variable Costs

## Cost-Benefit Analysis USE Benefit-Cost Analysis

BT Economic Resource Allocation

## Costs of Administration

SN Payments by owners of recreation opportunities or allied services.

BT Economic Aspects

NT -Cost Analysis

-Cost Types

Economic Costs USE Costs of Administration

Expenditures by Management

-Operating Costs

-Production Costs

-Purposes of Costs

AN 34

Cottages USE Rental Cabins; Vacation Homes  
BT Lodgings UF Accommodations

Councils of Government  
BT Local Governments

Counties  
BT Local Governments

County Forests  
BT Forests (Administrative Units)

County Ordinances  
BT Local Ordinances

County Parks  
BT Parks

County Recreation Areas  
BT Administrative Units

Covered Bridges  
BT Historic Resources

Crabbing  
BT Fishing

Creative Recreation USE Artistic Activities  
BT Recreation Activities UF Amusements; Play

Creative Values  
BT Human Values

Credit  
BT Financing  
NT Credit Costs USE Interest  
Credit Programs  
Credit Restrictions

Credit Costs USE Interest  
BT Credit

Credit Programs  
BT Credit  
Financial Assistance Programs

Credit Restrictions  
BT Credit

Credit Travel Services  
 BT Supporting Enterprises  
 Transportation Services

Cricket  
 BT Ball Games

Criminal Liability  
 BT Legal Liability

Criminal Procedures  
 BT Legal Procedures and Remedies

Criteria  
 BT Policy-Making Process  
 NT Criteria Development  
 -Criteria Selection

Criteria Development  
 BT Criteria

Criteria for Alternative Solutions  
 BT Design Process  
 Planning Analysis  
 NT -Aesthetics  
 Economic Efficiency  
 Effects on Resources  
 Effects on Users  
 -Feasibility  
 Flexibility of Management  
 -Institutions of Society  
 -Planning Constraints  
 Planning Standards and Criteria

Criteria for Planning  
 BT Implementation of Plans

Criteria for Policies  
 BT Policies  
 NT Ecological Impacts  
 Management Desires  
 Visitor Desires

Criteria Selection  
 BT Criteria  
 NT -Economic Impacts  
 -Health Effects  
 Satisfaction of Needs  
 -Social Effects  
 Special Interest Groups

AN 36

Critical Path Techniques

- BT Analytical Techniques
- Decision-Making

Croquet

- BT Ball Games

Cross Country Racing

- BT Track and Field Sports

Cross-Country Skiing

- BT Snow Skiing

Crowding

- BT Peaking in Use
- Suitability of Resources

Crowding UF Congestion

- BT Population Distribution

Cruise Boats and Ships

- BT Touring and Exploring Facilities

Cultural Areas and Sites

- BT Administrative Units

Cultural Centers

- BT Artistic Facilities
- Cultural Resources

Cultural Resources

- BT Historical and Cultural Resources
- NT Art Museums and Galleries
  - Arts and Crafts
  - Athletic Competitions USE Tournaments
  - Cultural Centers
  - Exhibitions UF Fairs; Festivals; Pageants
  - Factory and Industrial Tours
  - Festivals USE Exhibitions
  - Libraries
  - Local Legends
  - Musical Events
  - Olympiad USE Olympic Games
  - Opera Houses
  - Pageants USE Exhibitions
  - Plays and Melodramas
  - Religious Sites
  - Theaters
  - Tournaments UF Athletic Competitions

## Cultures

- BT Factors Affecting Use  
Historical and Cultural Resources  
User Characteristics
- NT -Human Values

## Curling

- BT Winter Sports

## Curling Equipment

- BT Winter Sports Equipment

## Curricula

- BT Media for Education

## Custom Regulations

- SN Restrictions on international transportation of goods.
- BT Administrative Regulations

## Cycling

- BT Vehicular Activities
- NT Bicycling  
Motorcycling

## Cycling Equipment

- BT Vehicular Sports Equipment
- NT Bicycles  
Motor Scooters  
Motorbikes  
Motorcycles  
Trail Bikes

## Dams

- BT Water Resources

## Dance Pavilions

- BT Artistic Facilities

## Dancing

- BT Performing Arts
- NT Ballet  
Ballroom Dancing  
Choreography  
Contra Dancing  
Folk Dancing  
Round Dancing  
Square Dancing

## Dashing

- BT Track and Field Sports

AN 38

Data Banks

BT Sources of Information UF Reference Materials

Data Storage and Retrieval

BT Research Methods UF Methodology

NT -Electronic Data Processing

Day Camping

BT Camping

Day Camps

BT Campgrounds

Debt

BT Financing

Deciduous Trees

BT Trees

Decision Theory

BT Integrative Disciplines

Decision-Making

BT Approval of Plans

Policy-Making Process

Resource Management UF Environmental Design; Land Management

NT Critical Path Techniques

Evaluation

Power Structure

Special Interest Groups

Deer

BT Mammals

Deferred Benefits

BT Long-Run Benefits

Deferred Costs

BT Long-Run Costs

Deferred Revenues

BT Long-Run Revenues

Definitions

BT Sources of Information UF Reference Materials

Demand

BT Demand Predictions

Needs



Recreation Activities, Equipment, Users  
 NT -Demand Estimations  
     -Demand Predictions   UF Demand Projections  
     Demand Projections   USE Demand Predictions  
     -Demand Theory  
     Desires   USE Wants  
     Deterrents to Recreation  
     -Factors Affecting Use  
     Future Needs  
     Leisure Styles  
     Market Studies  
     Motivation  
     Needs for Recreation  
     Preferences  
     -Social Conditions  
     Substitution Among Activities  
     Timing of Use  
     Trends  
     -User Characteristics  
     Wants   UF Desires

Demand Estimation

BT   Demand  
     Demand Theory  
 NT   Estimation Techniques

Demand Factors   USE Factors Affecting Use

BT   Demand Theory

Demand for Capital

BT   Capital Costs

Demand for Resources

BT   Resource Characteristics

Demand Predictions

BT   Demand  
     Demand Theory  
     Planning Analysis  
 NT   Activities  
     Attendance   USE Recreation Use  
     -Demand  
     Equipment Ownership Ratios  
     -Factors Affecting Use  
     Participants   USE Users  
     Prediction Techniques  
     -Recreation Settings  
     Recreation Use   UF Attendance

AN 40

-User Characteristics  
Users UF Participants

Demand Projections USE Demand Predictions  
BT Demand

Demand Theory  
BT Demand  
Economic Aspects  
NT -Demand Estimation  
Demand Factors USE Factors Affecting Use  
-Demand Predictions  
Effective Demand  
Elasticity of Demand  
Elasticity of Supply  
Latent Demand  
Satiety Principle  
-Substitution Effects

Demography  
BT Social Sciences

Demonstration Areas  
BT Interpretive Facilities  
Media for Education

Depletion  
BT Ecology

Depreciation  
BT Operating Costs

Desalination  
BT Water Quality Control

Deserts  
BT Geological Resources

Design UF Layout  
SN The architectural form, pattern, physical arrangement or scheme of  
construction of recreation areas, facilities, and their units.  
(MS, p 9)  
BT Development Process  
Planning Analysis  
Planning and Design UF Environmental Design  
NT -Construction Plans

Design Character  
BT Design Expression

Design Criteria

- BT Planning and Design UF Environmental Design
- NT Aesthetic Satisfaction
  - Balance of Design
  - Color
  - Focal Points
  - Form
  - Framing
  - Integration of Utility and Beauty
  - Line
  - Organization of Design

Design Expression

- BT Planning and Design UF Environmental Design
- NT Design Character
  - Design Function UF Functional Design
  - Design Imagery
  - Design Perception
  - Design Style
  - Functional Design USE Design Function

Design Function UF Functional Design

- BT Design Expression

Design Imagery

- BT Design Expression

Design Perception

- BT Design Expression

Design Process

- BT Planning and Design UF Environmental Design
- NT -Alternative Solutions
  - Conceptualization
  - Conclusions
  - Criteria for Alternative Solutions
  - Ideation
  - Problem Identification
  - Recommendations
  - Selection of Information
  - Selection of Objectives
  - Synthesis of Information

Design Standards

- BT Planning and Design UF Environmental Design

Design Types

- BT Planning and Design UF Environmental Design

AN 42

NT Area Design  
Facilities Design  
Landscape Design  
Site Design  
Structural Design

Designed Capacities

BT Planning and Design UF Environmental Design  
Supply of Recreational Opportunities  
NT Capacity Standards

Desires USE Wants

BT Demand  
User Characteristics

Destructive Factors

BT Ecology  
NT -Animals  
-Climate  
Diseases  
Fires  
-Geological Resources  
-Insects  
Users  
-Water Resources

Deterrents to Recreation

SN Factors inhibiting the individual from participation in recreation.  
BT Demand  
User Characteristics

Development Costs

BT Capital Costs  
Investment Costs  
NT Capital Improvements  
Construction Costs  
Equipment Costs  
Installation Costs  
Waiting Costs

Development Intensity

BT Planning and Design UF Environmental Design

Development Opportunities

BT Suitability of Resources

Development Process

BT Planning and Design UF Environmental Design

NT -Acquisition of Land  
 -Construction  
   Design  
 -Financing  
 -Plan Implementation  
   Planning Analysis  
   Rehabilitation of Resources

Development Quality  
   BT Planning and Design UF Environmental Design

Development Rights  
   BT Property Rights

Dictionaries  
   BT Sources of Information UF Reference Materials

Differentiation of Products  
   BT Economic Analysis UF Economic Studies

Diminishing Returns  
   BT Economic Analysis UF Economic Studies

Direct Benefits  
   BT Benefit Types

Direct Costs  
   BT Cost Types

Direct Economic Impacts  
   BT Economic Impacts  
 NT -Employment Opportunities  
     Intra-Regional Impacts  
     Personal Incomes  
 -Profits UF Rates of Return  
   Property Values  
   Receipts USE Revenues  
   Regional Development  
 -Revenues UF Receipts  
 -Taxes

Direct Leadership  
   BT Recreation Leadership

Direct Mail Advertising  
   BT Advertising

Directories  
   BT Sources of Information UF Reference Materials

AN 44

Directors of Parks

BT Directors of Recreation and Parks

Directors of Recreation

BT Directors of Recreation and Parks

Directors of Recreation and Parks

BT Administrative Personnel

NT Directors of Parks

Directors of Recreation

Disabled Persons USE Handicapped Persons

BT User Types

Discounting

BT Economic Analysis UF Economic Studies

Discus Throwing

BT Track and Field Sports

Diseases

BT Destructive Factors

Disinvestment

BT Economic Analysis UF Economic Studies

Distribution of Goods

BT Vertical Economic Impacts

District Recreation Supervisors

BT Supervisory Personnel

Diversified Products

BT Economic Analysis UF Economic Studies

Diving

BT Water Sports UF Aquatic Sports

NT Scuba Diving

Skin Diving

Snorkeling

Docks and Piers UF Wharfs

BT Water Sports Facilities

Documentation

BT Sources of Information UF Reference Materials

Dodgeball

BT Ball Games

## Dog Trials

BT Animal Shows

## Domestic Touring

BT Touring UF Excursions; Sightseeing; Tourism

## Dominant Uses USE Primary Uses

BT Multiple Use Management

## Dormitories

BT Administrative Structures

## Doves

BT Game Birds

## Downhill Skiing

BT Snow Skiing

## Drainage Easements

BT Easements

## Drama

BT Performing Arts

NT Plays and Melodramas USE Drama

## Drawings

BT Construction Plans

## Driving for Pleasure

BT Vehicular Activities

## Driving Time

BT Accessibility of Opportunities

Accessibility of Resources

## Drugs USE Narcotics

BT Mental Effects

## Drugstores UF Pharmacies

BT Visitor Service Facilities

## Duck Blinds

BT Hunting and Fishing Facilities

## Ducks

BT Waterfowl

## Dude Ranches

BT Lodgings UF Accommodations

AN 46

Dunes

BT Geological Resources

Duration of Experience

BT Units of Use

Duration of Trips

BT Measurement Units

Earth Sciences

BT Knowledge

NT Geology

Oceanography

-Soils

Easements

BT Acquisition of Land  
Property Rights

NT Drainage Easements  
Flooding Easements  
Planting Easements  
Scenic Easements  
Utility Easements

Ecological Impacts

BT Criteria for Policies  
Ecology

Ecology

BT Biological Sciences  
Resource Management UF Environmental Design; Land Management

NT Biological Magnification  
Biotic Extinction USE Extermination  
-Carrying Capacities  
Depletion  
-Destructive Factors  
Ecological Impacts  
-Ecosystems  
-Environmental Quality  
Evolution  
Life Cycle  
-Natural Environment  
-Pathology  
Plant Indicators  
Plant Materials  
Population Studies

Economic Analysis UF Economic Studies

BT Economic Aspects



NT -Capitalization  
     Complementarity  
     Cost Functions  
     Differentiation of Products  
     Diminishing Returns  
     Discounting  
     Disinvestment  
     Diversified Products  
     Economic Base  
 -Economic Competition  
 -Economic Conditions  
     Economic Efficiency  
     Economic Factors  
     Economic Geography  
     Economic Indicators  
     Economic Justification  
     Economic Life  
     Economic Location  
     Economic Opportunity  
     Economic Planning  
     Economic Policies  
 -Economic Resources  
     External Economies and Diseconomies  
 -Feasibility Studies  
     Financial Analysis  
     Input-Output Analysis  
     Limiting Factors  
     Location Analysis   USE Location Theory  
     Location Theory   UF Location Analysis  
     Macroeconomics  
 -Marginal Analysis  
 -Market Conditions  
     Market Price Determination  
     Market Surveys  
 -Maximization  
     Microeconomics  
     Physical Product  
     Pricing  
     Product Distribution  
     Proportionality  
     Proration  
     Resource Mix  
     Returns to Scale  
     Salvage Values  
 -Substitution Effects  
     Utility  
     Value Product

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Economic Aspects

- NT -Allocation of Resources
- Benefits
- Costs of Administration
- Demand Theory
- Economic Analysis UF Economic Studies
- Economic Impacts
- Economic Valuation
- Expenditures by Users
- Revenues

Economic Base

- BT Economic Analysis UF Economic Studies

Economic Competition

- BT Economic Analysis UF Economic Studies
- Market Conditions
- NT Imperfect Economic Competition
- Perfect Economic Competition

Economic Conditions

- BT Economic Analysis UF Economic Studies
- NT Business Cycles

Economic Costs USE Costs of Administration

- BT Costs of Administration

Economic Development

- BT Regional Economic Benefits
- NT Area Development USE Economic Development

Economic Efficiency

- BT Criteria for Alternative Solutions
- Economic Analysis UF Economic Studies
- Justification for Plans

Economic Factors

- BT Economic Analysis UF Economic Studies

Economic Feasibility

- BT Feasibility
- Feasibility Studies

Economic Geography

- BT Economic Analysis UF Economic Studies

Economic Impacts

- BT Criteria Selection
- Economic Aspects
- Effects on Users and Society

NT -Benefits to Individuals  
     Benefits to Society  
 -Chain of Economic Impacts  
 -Direct Economic Impacts  
     Economic Studies   USE Economic Analysis  
 -Indirect Economic Impacts

Economic Indicators  
     BT   Economic Analysis   UF Economic Studies

Economic Justification  
     BT   Economic Analysis   UF Economic Studies

Economic Leakage  
     BT   Indirect Economic Impacts  
     NT   Inter-Regional Impacts

Economic Life  
     BT   Economic Analysis   UF Economic Studies

Economic Location  
     BT   Economic Analysis   UF Economic Studies

Economic Multipliers  
     BT   Indirect Economic Impacts

Economic Opportunity  
     BT   Economic Analysis   UF Economic Studies

Economic Planning  
     BT   Economic Analysis   UF Economic Studies

Economic Policies  
     BT   Economic Analysis   UF Economic Studies

Economic Resource Allocation  
     BT   Allocation of Resources  
     NT   Benefit-Cost Analysis   UF Cost-Benefit Analysis  
         Cost-Benefit Analysis   USE Benefit-Cost Analysis  
         Joint Production Analysis  
         Least-Cost Resource Allocation  
         Linear Programming  
         Market Prices  
         Maximum-Value Resource Allocation  
         Operations Research  
         Welfare Economics

Economic Resources  
     BT   Economic Analysis   UF Economic Studies

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NT Capital  
Labor  
Land

Economic Studies USE Economic Analysis  
BT Economic Impacts

Economic Valuation  
BT Economic Aspects  
NT -Feasibility Studies  
Highest and Best Use  
Intangible Values  
Pricing  
-Valuation Techniques

Economics  
BT Institutions of Society  
Social Sciences

Ecosystems  
BT Ecology  
NT World Ecosystem

Education  
BT Institutions of Society  
Knowledge  
Staff  
Supporting Information  
NT Accreditation  
Appreciation  
Awareness  
Certification  
Concepts  
Congresses and Conventions USE Meetings and Conferences  
Conservation Education USE Environmental Education  
-Educational Levels  
-Educational Personnel  
Environmental Education UF Conservation Education; Outdoor Education  
In-Service Training  
-Knowledge  
-Media for Education  
Meetings and Conferences UF Congresses and Conventions  
Motivation  
Outdoor Education USE Environmental Education  
Physical Education  
Professional Accreditation USE Accreditation  
Professional Education  
Reference Materials USE Sources of Information  
Subprofessional Education  
Survival Education

Educational Administrators

BT Educational Personnel

Educational Backgrounds

BT User Characteristics

Educational Equipment

BT Media for Education

Educational Institutions

BT Quasi-Public Units

Educational Levels

BT Education

NT College Education USE Higher Education

Higher Education UF College Education

Primary Education

Secondary Education

Educational Personnel

BT Education

NT Educational Administrators

Educators UF Teachers; Professors

Professors USE Educators

Teachers USE Educators

Educational Values

BT Human Values

Educators UF Teachers; Professors

BT Educational Personnel

Effective Demand

BT Demand Theory

Effects on Resources

BT Criteria for Alternative Solutions

Effects on Users

BT Criteria for Alternative Solutions

Effects on Users and Society

BT Recreation Activities, Equipment, Users

NT -Economic Impacts

-Health Effects

Satisfaction of Needs

-Social Effects

Eighteenth Century and Earlier History

BT Historical Foundations

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Elasticity of Demand  
BT Demand Theory

Elasticity of Supply  
BT Demand Theory

Elderly USE Aged  
BT User Types

Electronic Data Processing  
BT Data Storage and Retrieval  
NT Computer Programming

Elk  
BT Mammals

Elementary School Children  
BT User Types

Eminent Domain UF Condemnation  
BT Acquisition of Land  
Legal Procedures and Remedies

Employable Skills  
BT User Characteristics

Employment  
BT Contract Rights

Employment Opportunities  
BT Direct Economic Impacts  
NT Seasonal Employment  
Yearlong Employment

Enabling Legislation  
BT Purposes of Legislation

Encroachment  
BT Resource Uses  
NT -Adverse Uses UF Misuses  
Misuses USE Adverse Uses

Encyclopedias  
BT Sources of Information UF Reference Materials

Endangered Species  
BT Animals

Engineering

- BT Knowledge
- NT Civil Engineering
  - Environmental Engineering
  - Hydraulic Engineering
  - Sanitary Engineering

Enhancement of Resource Values

- BT Resource Engineering

Enrichment of Community Living

- BT Social Values
- NT Townscape

Enrichment of Family Living

- BT Social Values
- NT Family Participation

Enrichment of Personal Living

- BT Social Values
- NT Renewal of Inner Resources

Entomology

- BT Animal Pathology
- NT Insect Control

Entrance Fees

- BT Fees UF User Charges

Entrepreneurs

- BT Personnel

Environment UF Milieu

- BT Natural Beauty

Environmental Design USE Planning and Design

- BT Planning and Design UF Environmental Design

Environmental Design USE Resource Management

- BT Resource Management UF Environmental Design; Land Management

Environmental Education UF Conservation Education; Outdoor Education

- BT Education

Environmental Engineering

- BT Engineering

Environmental Health

- BT Health
- NT -Health and Safety Guidelines
- Sanitation

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Environmental Quality

- BT Ecology
  - Human Values
  - Natural Beauty
- NT Excitement
  - Natural Beauty
  - Pollutants
  - Pollution
  - Pollution Control
  - Tranquillity

Equipment Costs

- BT Capital Costs
  - Development Costs

Equipment Expenditures

- BT Expenditures by Users

Equipment for Outdoor Recreation

- SN Goods used in pursuit of recreation experiences, usually portable and usually owned or rented by recreation users.
- BT Recreation Activities, Equipment, Users
- NT -Art Equipment
  - Ballgame Equipment
  - Collecting Equipment
  - Hunting and Fishing Equipment
  - Marksmanship Equipment
  - Nature Study Equipment
  - Outdoor Living Equipment
  - Touring Equipment
  - Track and Field Equipment
  - Vehicular Sports Equipment
  - Water Sports Equipment
  - Winter Sports Equipment

Equipment Ownership Ratios

- BT Demand Predictions
  - Factors Affecting Use

Equipment Selecting

- BT Trip Planning

Equity Capital USE Stocks

- BT Capital Sources

Erosion Control

- BT Watershed Management



Escalation of Costs  
BT Cost Analysis  
Land Value Appreciation

Estimation Techniques  
BT Demand Estimation  
Statistical Techniques  
Use Estimates

Estuaries  
BT Water Resources

Ethics  
BT Conservation  
Philosophical Concepts

Ethnic Groups  
BT User Characteristics

Ethnology  
BT Anthropology

Eutrophication  
BT Water Quality Control

Evaluation  
BT Decision-Making

Evaporation  
BT Water Management

Evergreen Trees  
BT Trees

Evidence in Litigations  
BT Litigation

Evolution  
BT Ecology

Excise Taxes UF Sales Taxes  
BT Taxes

Excitement  
BT Environmental Quality

Excursions USE Touring  
BT Touring and Exploring

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Executive Orders

BT Sources of Law

Exhaustibility of Resources

BT Resource Characteristics

Exhibitions UF Fairs; Festivals; Pageants

BT Cultural Resources  
Spectator Events

Exhibits

BT Interpretive Facilities

Expenditures by Management

BT Costs of Administration

Expenditures by Users

SN Payments by users for goods or services related to recreation experiences, regardless of place of payment.

BT Economic Aspects

NT Accommodation Expenditures

Clothing Expenditures

Equipment Expenditures

-Fees UF User Charges

Food Expenditures

-Taxes

Tourist Trade

Transportation Expenditures

Experience

SN An individual's reaction while engaged in recreation activities.

BT Recreation Use UF Attendance

Value Measurement

Valuation Techniques

NT Pleasure

Satisfaction of Needs

Experimental Design

BT Research Methods UF Methodology

Exploring

BT Touring and Exploring

NT Spelunking

Expressways USE Highways

BT Highways UF Expressways; Freeways

Extension Courses

BT Media for Education

Extermination UF Biotic Extinction

BT Resource Management UF Environmental Design; Land Management

External Economies and Diseconomies

BT Economic Analysis UF Economic Studies

Facilities Design

SN Determination of required features for facilities.

BT Design Types

Facility Planning

BT Planning Areas

Factors Affecting Use

BT Demand

Demand Predictions

Recreation Activities, Equipment, Users

NT -Accessibility of Opportunities

Affluence

-Cultures

Equipment Ownership Ratios

Free Time USE Leisure

-Historical Foundations

-Human Values

-Institutions of Society

Leisure UF Free Time

Leisure Styles

-Location

-Mass Media

Perception

-Philosophical Concepts

-Population Characteristics

Population Distribution

-Social Conditions

-Supply of Recreational Opportunities

Trends

Factory and Industrial Tours

BT Cultural Resources

Touring UF Excursions; Sightseeing; Tourism

Fairs

BT Spectator Facilities

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Fairs USE Exhibitions

BT Festivals USE Exhibitions  
Spectator Events

Falconry

BT Hunting

Falcons

BT Predatory Birds

Family and Kinship

BT Institutions of Society

Family Camping

BT Camping

Family Compositions

BT User Characteristics

Family Participation

BT Enrichment of Family Living

Family Recreation

BT Recreation Settings

Family Units USE Camping Space

BT Outdoor Living Facilities

Farm Lands USE Farms

BT Outdoor Living Facilities

Farms UF Farm Lands; Vacation Farms

BT Outdoor Living Facilities

Feasibility

BT Criteria for Alternative Solutions

NT Economic Feasibility

Financial Feasibility

Profit-Making Potential

Technical Feasibility

Feasibility Studies

BT Economic Analysis UF Economic Studies

Economic Valuation

NT Economic Feasibility

Financial Feasibility

Federal Areas

BT Administrative Units

NT -National Forest System  
 -National Park System  
   National Recreation Areas  
   National Scenic and Wild Rivers System  
   National Wilderness System  
   National Wildlife Refuges

Federal Government   USE U. S. Government  
   BT   Public Agencies

Federal Grants  
   BT   Grant Programs

Federal Statutes  
   BT   Statutes and Ordinances

Fee Purchases  
   BT   Acquisition of Land

Fee Rights  
   BT   Property Rights

Fees   UF User Charges  
       BT   Administrative Regulations  
             Expenditures by Users  
             Revenue Sources  
       NT   Boat Rentals  
             Entrance Fees  
             Grazing Fees  
             Guide Fees  
             Membership Fees  
             Migratory Bird Hunting Stamps  
             Personal Licenses  
             Recreation Leases  
             Tour Fees  
             Transportation Fares  
             User Charges   USE Fees  
             User Fees

Ferns  
   BT   Vegetation

Ferries  
   BT   Transportation Services

Festivals   USE Exhibitions  
   BT   Cultural Resources  
          Spectator Events  
   NT   Fairs   USE Exhibitions

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Field Hockey

BT Ball Games

Field Trips

BT Media for Education

Fieldball

BT Ball Games

Files

BT Sources of Information UF Reference Materials

Films for Photography

BT Photographic Equipment

Financial Analysis

BT Economic Analysis UF Economic Studies  
Financing

Financial Assistance Programs

BT Administrative Programs  
Capital Sources

NT Credit Programs

-Grant Programs

Guaranteed Loan Programs

Financial Feasibility

BT Feasibility Studies

Financial Opportunities

BT Benefits to Individuals

Financial Programming

BT Financing

Financing

BT Administration  
Development Process  
Implementation of Plans

NT Ability to Pay

Appropriations

Assets

Break-Even Point

-Budgeting

-Capital Costs

-Capital Sources

-Capitalization

Cash UF Money

- Cash Flow
- Collateral
- Cost Recovery UF Cost Repayment
- Cost Repayment USE Cost Recovery
- Cost Sharing
- Credit
  - Debt
  - Financial Analysis
  - Financial Programming
  - Funding
- Interest
  - Liquid Assets
  - Loans
  - Money USE Cash
  - Principal
  - Profits
  - Reimbursement USE Repayment
  - Rental Receipts
  - Repayment UF Reimbursement
- Revenue Sources
  - Sinking Funds
- Taxes
  - Traveler's Checks
  - Willingness to Pay

#### Fine Arts

- BT Knowledge
- NT Painting
- Sculpture

#### Firearms

- BT Hunting Equipment
- Shooting Equipment

#### Fireplaces and Grills UF Grills; Stoves

- BT Outdoor Living Facilities

#### Fires

- BT Destructive Factors

#### First Aid

- BT Safety
- NT Snakebites

#### Fish

- BT Animals
- NT -Anadromous Fish
- Freshwater Fish
- Saltwater Fish

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Fish Hatcheries

BT Hunting and Fishing Facilities

Fish Kills

BT Fish Stocking UF Fish Planting

Fish Planting USE Fish Stocking

BT Fish Stocking UF Fish Planting

Fish Propagation

BT Fish Stocking UF Fish Planting

Fish Stocking UF Fish Planting

BT Resource Management UF Environmental Design; Land Management

NT Fish Kills

Fish Planting USE Fish Stocking

Fish Propagation

Fishing Seasons

Predator Control

Fisheries

BT Animals

Fisheries Management

BT Resource Management UF Environmental Design; Land Management

NT Fish Kills

Fish Planting USE Fish Stocking

Fish Propagation

Fishing Seasons

Predator Control

Fishing

BT Hunting and Fishing

NT Clamming

Crabbing

-Fresh Water Fishing

Ice Fishing

Salt Water Fishing

Fishing Equipment

BT Hunting and Fishing Equipment

Fishing Lakes UF Fishing Ponds

BT Hunting and Fishing Facilities

Fishing Ponds USE Fishing Lakes

BT Hunting and Fishing Facilities



Fishing Seasons  
 BT Fish Stocking UF Fish Planting

Fistball  
 BT Ball Games

Fixed Costs  
 BT Cost Types

Fixed Revenues  
 BT Revenues

Flexibility of Management  
 BT Criteria for Alternative Solutions

Float Fishing  
 BT Fresh Water Fishing

Float Rivers USE Scenic Rivers  
 BT Rivers

Floats  
 BT Water Sports Facilities

Flood Control  
 BT Watershed Management

Flood Plains  
 BT Geological Resources

Flooding Easements  
 BT Easements

Flow Resources USE Renewable Resources  
 BT Resource Types

Flowage Easement Lands  
 BT Administrative Units

Flowers  
 BT Vegetation

Flying  
 BT Vehicular Activities  
 NT Soaring

Flyways  
 BT Migratory Birds  
 Natural Environment

AN 64

Focal Points

BT Design Criteria

Fog

BT Climate

Folk Dancing

BT Dancing

Food Expenditures

BT Expenditures by Users

Food Services UF Restaurants; Catering; Food Service Production

BT Visitor Service Facilities

Foot Trails

BT Trails

Football

BT Ball Games

Football Fields

BT Ballgame Facilities

Foreign Currency Exchanges

BT Visitor Service Facilities

Foreign Governments

BT Public Agencies

Foreign National and Provincial Legislation

BT Statutes and Ordinances

Foreign Touring

BT Touring UF Excursions; Sightseeing; Tourism

Forest Management

BT Resource Management UF Environmental Design; Land Management

NT -Multiple Use Management

Timber Production

Forestry

BT Biological Sciences

Forests (Administrative Units)

BT Administrative Units

NT County Forests

Municipal Forests

-National Forest System  
 Private Forests  
 State Forests  
 Watershed Forests

Forests (Tree Communities)  
 BT Vegetation

Form  
 BT Design Criteria

Forts  
 BT Historic Resources  
 Military Lands

Fossils  
 BT Geological Resources

Foundation Grants  
 BT Grant Programs

Foundations  
 BT Organizations

Foxes  
 BT Mammals

Framing  
 BT Design Criteria

Free Enterprise USE Commercial Enterprises  
 BT Private Properties

Free Flowing Rivers USE Wild Rivers  
 BT Rivers

Free Time USE Leisure  
 BT Factors Affecting Use

Freeways USE Highways  
 BT Highways UF Expressways; Freeways

Fresh Water Fishing  
 BT Fishing  
 NT Float Fishing

Freshwater Fish  
 BT Fish

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NT Bass  
Catfish  
Pike  
Trout

Fully Inclusive Tours

BT Touring UF Excursions; Sightseeing; Tourism

Functional Design USE Design Function

BT Design Expression

Fund Resources USE Nonrenewable Resources

BT Resource Types

Funding

BT Financing

Future Needs

BT Demand

Game USE Wildlife

BT Animals

Game Birds

BT Birds

NT Doves

Grouse

Pheasants

Quail

Turkey

Woodcocks

Game Equipment

BT Outdoor Play Equipment

Game Farms

BT Hunting and Fishing Facilities

Game Management USE Wildlife Management

BT Resource Management UF Environmental Design; Land Management

Game Preserves

BT Hunting and Fishing Facilities

Garages

BT Transportation Services

Gardening

BT Outdoor Living

## Gardening Equipment

BT Outdoor Living Equipment

## Gardens

BT Artistic Facilities

## Gateway Buildings

BT Visitor Service Facilities

## Geese

BT Waterfowl

## Gems

BT Geological Resources

## General Outdoor Recreation Areas

BT Recreation Resource Classes  
Zoning

## Geographical Distributions UF Areal Distributions; Spatial Distributions

BT Location

## Geography

BT Integrative Disciplines

NT Human Geography

## Geological Formations

BT Geological Resources

## Geological Resources

BT Destructive Factors

Natural Resources UF Resources; Physiography

NT Avalanches

Balanced Rocks

Canyons

Castle Rocks

Caves

Deserts

Dunes

Flood Plains

Fossils

Gems

Geological Formations

-Glaciers

Islands

Landslides

Lava Flows

Minerals

Mountains

Natural Bridges and Arches

Outstanding Rock Formations

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Sink Holes  
Stones  
Valleys  
Vista Points  
Volcanoes

Geology

BT Earth Sciences

Ghost Towns

BT Historic Resources

Glacial Remains

BT Glaciers

Glaciers

BT Geological Resources

NT Glacial Remains

Gliders

BT Vehicular Sports Equipment

Glossaries

BT Sources of Information UF Reference Materials

Gloves

BT Ballgame Equipment

Goalposts

BT Ballgame Equipment

Golf

BT Ball Games

Golf Courses

BT Marksmanship Facilities

Golf Driving Ranges

BT Marksmanship Facilities

Golf Equipment

BT Ballgame Equipment

Government

BT Institutions of Society

Government Buildings

BT Historic Resources

Graduate Study

BT Media for Education

Grant Programs

BT Financial Assistance Programs

NT Federal Grants

Foundation Grants

State Grants

Grasses

BT Vegetation

Gravels

BT Soil Textures

Grazing

BT Range Management

Grazing Fees

BT Fees UF User Charges

Greenbelts

BT Urban Areas

Grills USE Fireplaces and Grills

BT Outdoor Living Facilities

Grocery Stores

BT Visitor Service Facilities

Gross Profits

BT Profits UF Rates of Return

Gross Revenues

BT Revenues

Ground Covers

BT Vegetation

Group Camping

BT Camping

Group Camps UF Organization Camps; Youth Camps

BT Campgrounds

Lodgings UF Accommodations

Group Work

BT Media for Education

Visitor Regulations

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Grouse

BT Game Birds

Guaranteed Loan Programs

BT Financial Assistance Programs

Guests USE Users

BT User Types

Guide Fees

BT Fees UF User Charges

Guide Services

BT Interpretive Facilities  
Visitor Service Facilities

Habitat

BT Resource Management UF Environmental Design; Land Management  
NT Habitat Management

Habitat Management

BT Habitat  
Wildlife Management UF Game Management

Hammer Throwing

BT Track and Field Sports

Handball

Ball Games

Handball Courts

BT Ballgame Facilities

Handbooks and Manuals

BT Sources of Information UF Reference Materials

Handicapped Persons UF Disabled

BT User Types

Harbors UF Ports

BT Transportation Services

Health

BT Medical Sciences  
Personnel Management for Visitors and Staff  
NT -Environmental Health



**Health and Safety Guidelines**

- BT Environmental Health Policies**
- Safety**
- NT Innoculations**

**Health Effects**

- BT Criteria Selection**
- Effects on Users and Society**
- NT -Mental Effects**
- Physical Effects**

**Helicopters**

- BT Transportation Services**

**Herbs**

- BT Vegetation**

**High Density Population**

- BT Population Distribution**

**High Density Recreation Areas**

- BT Recreation Resource Classes**
- Zoning**

**High Jumping**

- BT Track and Field Sports**

**Higher Education UF College Education**

- BT Educational Levels**

**Highest and Best Use**

- BT Economic Valuation**
- Political Resource Allocation**

**Highways UF Expressways; Freeways**

- BT Touring and Exploring Facilities**
- NT Expressways USE Highways**
- Freeways USE Highways**

**Hiking**

- BT Walking**
- NT Backpacking**

**Historic and Cultural Sites**

- BT Recreation Resource Classes**
- Zoning**

Historic Areas and Sites

- BT Administrative Units
- Historic Resources
- Touring and Exploring Facilities
- NT Historic Parks and Restorations
- Theme Villages

Historic Parks and Restorations

- BT Historic Areas and Sites
- Historic Resources

Historic Preservation Plans

- BT Comprehensive Outdoor Recreation Plans USE Outdoor Recreation Plans

Historic Resources

- BT Historical and Cultural Resources

- NT Barracks
- Battlefields
- Blacksmith Shops
- Business Offices
- Canals
- Cemeteries and Graves
- Churches
- Coke and Charcoal Kilns
- Covered Bridges
- Forts
- Ghost Towns
- Government Buildings
- Historic Parks and Restorations
- Historical Areas and Sites
- Historical Markers
- Homes
- Hotels
- Lumber Camps
- Military Reservations
- Mills
- Mineral Smelters
- Mines
- Mining Camps
- Museums
- Opera Houses
- Pioneer Farms
- Pioneer Villages
- Railroad Beds
- Railroad Stations
- Railroad Tunnels
- Roads and Bridges
- Sawmills

- Schools
- Steam Engines
- Taverns
- Trading Posts
- Wagon and Stage Roads

- Historic Trails
  - BT Trails

#### Historical and Cultural Resources

- BT Alternative Solutions
  - Outdoor Recreation Resources and Facilities
- NT -Archeological Resources
  - Cultural Resources
  - Cultures
  - Historical Foundations
  - Location
    - Metropolitan Areas
  - Scientific Sites
  - Urban Areas

#### Historical Foundations

- SN Concepts or examples derived from retrospective views of man's experience.
- BT Factors Affecting Use
  - Historical and Cultural Resources
  - Human Values
- NT American History
  - Archeology
  - Eighteenth Century and Earlier History
  - National Heritage
  - Nineteenth Century History
  - Organizations
  - Trends
  - Twentieth Century History

#### Historical Markers

- BT Historic Resources

#### History

- BT Social Sciences

#### Hitball

- BT Ball Games

#### Hockey Fields

- BT Athletic Fields

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**Holidays**

BT Time of Participation

**Homes**

BT Historic Resources

**Horizontal Economic Impacts**

BT Chain of Economic

NT -Private Properties

-Public Agencies

Users

Visitor Service Developments

**Horse Racing**

BT Racing

**Horse Shows**

BT Animal Shows

**Horseback Riding**

BT Touring and Exploring

**Horses**

BT Mammals

Vehicular Sports Equipment

**Horseshoe Courts**

BT Marksmanship Facilities

**Horseshoe Equipment**

BT Marksmanship Equipment

**Horseshoe Pitching**

BT Marksmanship

**Hospitals**

BT Visitor Service Facilities

**Hostels**

BT Lodgings UF Accommodations

**Hot Springs**

BT Springs

**Hotels**

BT Lodgings UF Accommodations  
Historic Resources

**Houseboats**

BT Boats

## Human Geography

BT Geography

## Human Races

BT User Characteristics

## Human Values

BT Cultures

Recreation Activities; Equipment; Users  
User Characteristics

NT -Aesthetic Values

Creative Values

Educational Values

-Environmental Quality

-Historical Foundations

Inspirational Values

Moral Values

-Physical Values

-Psychological Values

Scientific Values

-Social Values

## Hunting

BT Hunting and Fishing

NT Bow Hunting

Falconry

## Hunting and Fishing

BT Recreation Activities UF Amusements; Play

NT -Fishing

-Hunting

Trapping

## Hunting and Fishing Equipment

BT Equipment for Outdoor Recreation

NT Fishing Equipment

-Hunting Equipment

Nets

## Hunting and Fishing Facilities

BT Recreational Facilities

NT Duck Blinds

Fish Hatcheries

Fishing Lakes UF Fishing Ponds

Fishing Ponds USE Fishing Lakes

Game Farms

Game Preserves

Hunting Areas

Hunting Preserves

Sporting Good Stores

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Hunting Areas

BT Hunting and Fishing Facilities

Hunting Equipment

BT Hunting and Fishing Equipment

NT Archery Equipment

Firearms

Hunting Preserves

BT Hunting and Fishing Facilities

Hunting Seasons

BT Wildlife Management UF Game Management

Hurdle Racing

BT Track and Field Sports

Hurling

BT Ball Games

Hydraulic Engineering

BT Engineering

Hydrology

BT Watershed Management

Ice Boating

BT Winter Sports

Ice Fishing

BT Fishing

Winter Sports

Ice Hockey

BT Winter Sports

Ice Hockey Equipment

BT Winter Sports Equipment

Ice Skating

BT Skating

Winter Sports

Ice Skating Rinks

BT Skating Rinks

Iceboating

BT Boating

Iceboats

BT Winter Sports Equipment

Ideation

BT Design Process

Ill Persons

BT User Types

Imperfect Economic Competition

BT Economic Competition

Implementation of Plans

BT Planning Analysis

NT -Administration

-Allocation of Responsibilities

-Approval of Plans

Bureaucracy

-Control of Resource Uses

Criteria for Planning

-Financing

Non-Conforming Uses

Political Representation

Priorities

-Promotion and Marketing

-Public Relations

-Suitability of Resources

Timing

Impoundments

BT Watershed Management

Water Sports Facilities

In-Service Training

BT Education

Media for Education

Inclined Railways USE Tramways and Lifts

BT Touring and Exploring Facilities

Income Capitalizations

BT Valuation of Tangible Benefits

Income Taxes

BT Taxes

Indexes

BT Sources of Information UF Reference Materials

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Indian Campsites

BT Archeological Resources

Indian Lands

BT Administrative Units

Indian Tribes

BT Quasi-Public Units

Indian Village Sites

BT Archeological Resources

Indices

BT Measurement Units  
Valuation Techniques

Indirect Benefits

BT Benefit Types

Indirect Costs

BT Cost Types

Indirect Economic Impacts

BT Economic Impacts

NT Community Gains USE Indirect Economic Impacts

-Economic Leakage

Economic Multipliers

-Land Value Appreciation

Profits

Speculation USE Escalation of Costs

Sporting Goods Industry

-Supporting Enterprises

Tourist Trade

Indirect Leadership

BT Recreation Leadership

Induced Benefits

BT Benefit Types

Induced Costs

BT Cost Types

Industrial Employees

BT User Types

Industrial Recreation

BT Recreation Settings



Industries USE Commercial Enterprises; Manufacturers  
BT Private Properties

Information Centers USE Visitor Service Centers  
BT Interpretation  
Visitor Service Facilities

Information Programs  
BT Administrative Programs

Information Systems UF Literature Retrieval Services; Retrieval Services  
BT Sources of Information UF Reference Materials

Information Theory  
BT Integrative Disciplines

Initial Costs USE Investment Costs  
BT Investment Costs

Injuries  
BT Accidents  
Safety

Injurious Insects UF Mosquitos  
BT Insects  
NT Mosquitos USE Injurious Insects

Inner Cities  
BT Places of Residence

Innocations  
BT Health and Safety Guidelines

Input-Output Analysis  
BT Economic Analysis UF Economic Studies

Insect Control  
BT Entomology

Insects  
BT Animals  
Destructive Factors  
NT -Injurious Insects UF Mosquitos

Inspections  
BT Resource Management UF Environmental Design; Land Management

Inspections of Construction  
BT Construction

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Inspirational Values

- SN The ability of a particular setting to inspire wonder or appreciation in the user.
- BT Human Values

Installation Costs

- BT Development Costs

Institutional Recreation

- BT Recreation Settings

Institutions of Society

- BT Criteria for Alternative Solutions
- Factors Affecting Use
- NT Economics
  - Education
  - Family and Kinship
  - Government
  - Laws
  - Legal Procedures
  - National Heritage
  - Ownership of Recreation Opportunities
  - Political Economy
  - Politics
  - Recreation
  - Religions
  - Welfare
  - Work

Insurance

- BT Contract Rights
- Safety
- NT Liability Insurance

Insurance Costs

- BT Operating Costs

Intangible Benefits

- BT Benefit Types

Intangible Costs

- BT Cost Types

Intangible Values

- BT Economic Valuation

Integration of Utility and Beauty

- BT Design Criteria

Integrative Disciplines

- BT Knowledge
- NT City Planning
- Conflict Resolution
- Conservation
- Decision Theory
- Geography
- Information Theory
- Management Science
- Recreation Theory
- Regional Planning

Inter-Regional Impacts

- BT Economic Leakage

Interagency Cooperation UF Interdepartmental Committees

- BT Intergovernmental Affairs

Interdepartmental Committees USE Interagency Cooperation

- BT Intergovernmental Affairs

Interest

- BT Capital Costs
- Financing
- NT Risk

Intergovernmental Affairs

- BT Public Agencies
- NT Interagency Cooperation UF Interdepartmental Committees
- Interdepartmental Committees USE Interagency Cooperation
- International Cooperation
- Interstate Cooperation

International Cooperation

- BT Intergovernmental Affairs

International Recreation

- BT Recreation Settings

International Treaties and Agreements

- BT Sources of Law

Interpretation

- BT Communications
- NT Information Centers USE Visitor Service Centers
- Interpretive Facilities
- Visitor Education
- Visitor Service Centers UF Information Centers

Interpretive Facilities

- BT Interpretation
  - Media for Education
  - Nature Study Facilities
- NT Amphitheaters USE Outdoor Theaters
- Aquariums
- Arboretums
- Demonstration Areas
- Exhibits
- Guide Services
- Interpretive Talks UF Lectures
- Lectures USE Interpretive Talks
- Museums
- Nature Centers
- Nature Trails
- Observatories
- Photographic Essays
- Signs
- Television
- Visitor Centers
- Zoos

Interpretive Specialists UF Naturalists

- BT Leadership Personnel
- NT Naturalists USE Interpretive Specialists

Interpretive Talks UF Lectures

- BT Interpretive Facilities

Interstate Cooperation

- BT Intergovernmental Affairs

Interviews USE Surveys

- BT Surveys UF Polls; Interviews; Questionnaires

Intra-Organizational Conflicts

- BT Problems of Management
  - Resource Management UF Environmental Design; Land Management

Intra-Regional Impacts

- BT Direct Economic Impacts

Inventories

- BT Potential Recreational Opportunities
- Purposes of Costs
- Research Methods UF Methodology
- Supply of Recreational Opportunities

NT -Acquisition Costs  
-Development Costs  
Initial Costs USE Investment Costs  
Planning Costs

Irrigation  
BT Reclamation

Islands  
BT Geological Resources

Jai-Alai  
BT Ball Games

Javelin Throwing  
BT Track and Field Sports

Job Analysis  
BT Staff

Job Descriptions  
BT Staff

Job Surveys  
BT Staff

Jogging  
BT Track and Field Sports

Joint Benefits  
BT Benefit Types

Joint Costs  
BT Cost Types

Joint Production Analysis  
BT Economic Resource Allocation

Judicial Decisions  
SN Includes quasi-judicial actions of administrative agencies.  
BT Litigation  
Sources of Law

Justification for Plans  
BT Planning Analysis  
NT Amenities  
-Benefits to Individuals  
Benefits to Society

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Economic Efficiency  
-Multiple Use Management  
Profits  
Satisfaction of Needs

Kayaks

BT Boats

Kitchen Shelters

BT Outdoor Living Facilities

Kite Flying

BT Vehicular Activities

Knowledge

BT Education

NT -Applied Arts

-Biological Sciences

-Communications

-Earth Sciences

-Education

-Engineering

-Fine Arts

-Integrative Disciplines

-Medical Sciences

-Performing Arts

-Social Sciences

Labor

BT Economic Resources

Labor Costs USE Personnel Costs

BT Production Costs

Labor Force

BT Personnel

Lacrosse

BT Ball Games

Lagoons

BT Water Resources

Lakes

BT Water Resources

Lakeshores USE Shorelines

BT Water Resources

Land  
    BT Economic Resources

Land Costs  
    BT Production Costs

Land Description  
    BT Acquisition of Land  
        Resource Management UF Environmental Design; Land Management

Land Management USE Resource Management  
    BT Resource Management UF Environmental Design; Land Management

Land Use  
    BT Resource Management UF Environmental Design; Land Management

Land Use Plans  
    BT Comprehensive Outdoor Recreation Plans USE Outdoor Recreation Plans

Land Utilization Projects  
    BT National Forest System

Land Value Appreciation  
    BT Indirect Economic Impacts  
    NT Escalation of Costs

Landscape Analysis  
    BT Suitability of Resources

Landscape Architecture  
    BT Applied Arts

Landscape Design  
    BT Design Types

Landscape Management  
    BT Resource Management UF Environmental Design; Land Management

Landslides  
    BT Geological Resources

Latent Demand  
    BT Demand Theory

Laundries  
    BT Visitor Service Facilities

Lava Flows  
    BT Geological Resources

Law

BT Social Sciences

Law Enforcement

BT Social Sciences  
Visitor Regulation

Lawn Bowling

BT Ball Games

Laws

BT Approval of Plans  
Institutions of Society

Laws and Legal Procedures

BT Administration  
NT -Administrative Regulations  
-Legal Liability  
-Legal Procedures and Remedies  
-Legal Rights  
-Legislation  
-Litigation  
-Sources of Law

Layout USE Design

BT Planning and Design UF Environmental Design

Leadership Personnel

BT Personnel  
NT -Interpretive Specialists UF Naturalists  
-Recreation Leaders  
Senior Recreation Leaders  
Specialized Recreation Leaders

Leases

BT Acquisition of Land  
Property Rights  
NT Recreation Leases

Least-Cost Resource Allocation

BT Economic Resource Allocation

Lectures USE Interpretive Talks

BT Interpretive Facilities

Legal Liability

BT Laws and Legal Procedures



- NT Contract Liability
- Criminal Liability
- Tax Liability
- Tort Liability

#### Legal Procedures

- BT Approval of Plans
- Institutions of Society
- Planning Constraints

#### Legal Procedures and Remedies

- BT Laws and Legal Procedures
- NT Administrative Procedures
- Condemnation USE Eminent Domain
- Contract Administration
- Contract Claims
- Criminal Procedures
- Eminent Domain UF Condemnation
- Probate Proceedings
- Tort Claims

#### Legal Rights

- BT Laws and Legal Procedures
- NT Civil Rights
- Contract Rights
- Personal Rights
- Property Rights

#### Legislation

- SN Statutory enactments of elective public legislative bodies; excludes rule-making actions of executive or administrative agencies.
- BT Control of Resource Uses
- Laws and Legal Procedures
- NT -Legislative Procedures
- Purposes of Legislation
- Statutes and Ordinances

#### Legislative Hearings

- BT Legislative Procedures
- Sources of Information UF Reference Materials

#### Legislative Procedures

- BT Legislation
- NT Legislative Hearings
- Legislative Reports
- Legislative Rules

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**Legislative Reports**

- SN Includes records of debates, journals, study papers, etc.
- BT Legislative Procedures
- Sources of Information UF Reference Materials

**Legislative Rules**

- BT Legislative Procedures

**Leisure**

- BT Factors Affecting Use
- Philosophical Concepts
- User Characteristics

**Leisure Styles**

- BT Demand
- Factors Affecting Use

**Length of Visits**

- BT Measurement Units

**Less-Than-Fee Interests**

- BT Acquisition of Land

**Levels of Living**

- SN Conditions of Life at a specified time and place.
- BT User Characteristics

**Liability**

- BT Safety

**Liability Insurance**

- BT Insurance

**Libraries**

- BT Cultural Resources
- Sources of Information UF Reference Materials

**Licenses**

- BT Administrative Regulations

**Licenses and Use Permits**

- BT Property Rights

**Lichens**

- BT Vegetation

**Life Cycle**

- BT Conservation
- Ecology

## Lifeguards

BT Water Safety

## Limiting Factors

BT Economic Analysis UF Economic Studies

## Line

BT Design Criteria

## Linear Programming

BT Economic Resource Allocation

## Liquid Assets

BT Financing

## Literature Retrieval Service USE Information Systems

BT Sources of Information UF Reference Materials

## Litigation

SN Judicial and quasi-judicial administrative proceedings.

BT Laws and Legal Procedures

NT Adjudication Procedures

Appellate Procedures

Evidence in Litigations

Judicial Decisions

Rights to Sue

Tribunals

## Litter Receptacles

BT Visitor Service Facilities

## Loams

BT Soil Textures

## Loans

BT Financing

## Local Governments

BT Public Agencies

NT Boroughs

Cities UF Municipalities

Councils of Government

Counties

Metropolitan Areas

Metropolitan Authorities

Municipalities USE Cities

Special Districts

Standard Metropolitan Statistical Areas

Townships

Local Legends

BT Cultural Resources

Local Ordinances

BT Statutes and Ordinances

NT County Ordinances  
Municipal Ordinances

Local Residents

BT User Types

Local Residents vs Non-Local Residents

BT Controversial Issues

Location

BT Alternative Solutions

Factors Affecting Use

Historical and Cultural Resources

NT Areal Distributions USE Geographical Distributions  
Geographical Distributions UF Areas Distributions; Spatial Distributions  
Proximity  
Spatial Distributions USE Geographical Distributions  
Spatial Interactions  
Transportation

Location Analysis USE Location Theory

BT Economic Analysis UF Economic Studies

Location Theory UF Location Analysis

BT Economic Analysis UF Economic Studies

Lodges UF Ski Lodges

BT Lodgings UF Accommodations

Lodgings UF Accommodations

BT Recreational Facilities

NT Accommodations USE Lodgings

Adirondack Shelters

Colonies USE Recreation Communities

Combination Buildings

Cottages USE Rental Cabins; Vacation Homes

Dude Ranches

Group Camps UF Organization Camps; Youth Camps

Hostels

Hotels

Lodges UF Ski Lodges

Mobile Homes

Motels UF Tourist Courts

Organization Camps USE Group Camps  
 Private Housing  
 Recreation Communities UF Colonies  
 Rental Cabins UF Cottages  
 Residence Sites  
 Resorts UF Spas  
 Seasonal Accommodations  
 Second Homes USE Vacation Homes  
 Ski Lodges USE Lodges  
 Tourist Courts USE Motels  
 Vacation Farms USE Farms  
 Vacation Homes UF Second Homes  
 Yearlong Accommodations  
 Youth Camps USE Group Camps

Long-Run Benefits

BT Benefit Types  
 NT Deferred Benefits

Long-Run Costs

BT Cost Types  
 NT Deferred Costs

Long-Run Revenues

BT Revenues  
 NT Deferred Revenues

Long-Term Plans USE Master Plans

BT Comprehensive Outdoor Recreation Plans USE Outdoor Recreation Plans

Lookout Towers USE Observation Towers

BT Touring and Exploring Facilities

Low Density Population

BT Population Distribution

Lumber Camps

BT Historic Resources

Lunch Areas

BT Outdoor Living Facilities

Lynx

BT Mammals

Macroeconomics

BT Economic Analysis UF Economic Studies

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Magazine Advertising  
BT Advertising

Maintenance  
BT Resource Management UF Environmental Design; Land Management

Maintenance Costs  
BT Operating Costs

Maintenance Personnel  
BT Personnel  
NT Park Caretakers  
Senior Park Caretakers

Mallets  
BT Ballgame Equipment

Mammals  
BT Animals  
NT Antelopes  
Bears  
Bighorn Sheep  
Deer  
Elk  
Foxes  
Horses  
Lynx  
-Marine Mammals  
Moose  
Mountain Lions  
Rabbits  
Raccoons  
Squirrels  
Wildcats  
Wolves

Management Attitudes  
BT Philosophical Concepts  
Resource Management UF Environmental Design; Land Management

Management Desires  
BT Criteria for Policies

Management Guidelines  
BT Planning Constraints  
Policies

Management Leadership  
BT Staff

**Management Levels**

- BT Resource Management UF Environmental Design; Land Management
- NT -Administration
  - Operation and Maintenance
  - Policy-Making

**Management Objectives**

- BT Allocation of Resources
  - Planning Constraints
  - Policies
  - Policy-Making Process
- NT -Philosophies of Resource Use
  - Policies of Management
  - Social Goals

**Management Science**

- BT Integrative Disciplines

**Manufacturers**

- BT Vertical Economic Impacts

**Mapping Techniques**

- BT Research Methods UF Methodology

**Maps**

- BT Potential Recreational Opportunities
  - Sources of Information UF Reference Materials
- NT Topographic Maps

**Marginal Analysis**

- BT Economic Analysis UF Economic Studies
- NT Marginal Costs
  - Marginal Physical Products
  - Marginal Rates of Substitution
  - Marginal Revenues
  - Marginal Utility

**Marginal Benefits**

- BT Benefit Types

**Marginal Costs**

- BT Cost Types
  - Marginal Analysis

**Marginal Physical Products**

- BT Marginal Analysis

**Marginal Rates of Substitution**

- BT Marginal Analysis

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**Marginal Revenues**

BT Marginal Analysis  
Revenues

**Marginal Utility**

BT Marginal Analysis

**Marinas**

BT Water Sports Facilities

**Marine Activities USE Water Sports**

BT Water Sports UF Aquatic Sports

**Marine Mammals**

BT Mammals

NT Otters

Seals

Walrus

Whales

**Market Conditions**

BT Economic Analysis UF Economic Studies

NT -Economic Competition

-Monopoly

Oligopoly

**Market Price Determination**

BT Economic Analysis UF Economic Studies

**Market Prices**

BT Economic Resource Allocation

**Market Studies**

BT Demand

**Market Surveys UF Preference Surveys**

BT Economic Analysis UF Economic Studies

Promotion and Marketing UF Publicity

Surveys UF Polls; Interviews; Questionnaires

**Market Values**

BT Valuation of Intangible Benefits

**Marketing and Promotion Costs**

BT Operating Costs

NT Advertising Costs

**Marketing Techniques**

BT Promotion and Marketing UF Publicity



# Marksmanship

- BT Recreation Activities UF Amusements; Play
- NT Archery
  - Clout Shooting
  - Horseshoe Pitching
  - Shuffleboard
  - Skeet and Trap Shooting
  - Target Shooting

# Marksmanship Equipment

- BT Equipment for Outdoor Recreation
- NT Horseshoe Equipment
  - Shooting Equipment
  - Shuffleboard Equipment

# Marksmanship Facilities

- BT Recreational Facilities
- NT Archery Courses
  - Bowling Greens
  - Golf Courses
  - Golf Driving Ranges
  - Horseshoe Courts
  - Shooting Ranges
  - Shuffleboard Courts
  - Target Ranges

# Marshes USE Wetlands

- BT Water Resources

# Mass Media

- BT Factors Affecting Use
- NT -Advertising
  - Public Relations

# Mass Transit Systems

- BT Transportation Services

# Master Plans

- BT Comprehensive Outdoor Recreation Plans USE Outdoor Recreation Plans

# Mathematical Models

- BT Research Methods UF Methodology

# Maximization

- BT Economic Analysis UF Economic Studies
- NT Profit Maximization
  - Satisfaction Maximization

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Maximum-Value Resource Allocation

BT Economic Resource Allocation

Measurement Techniques

BT Research Methods UF Methodology

Measurement Units

BT Statistical Techniques

NT Activity Occasions

Attraction Indexes

Duration of Trips

Indices

Length of Visits

Needs for Recreation

Preferences

User Days USE Visitor Days

User Trips

Vehicle Trips

Visitor Days

Visits

Media for Education

BT Education

NT Colleges and Universities

Curricula

Demonstration Areas

Educational Equipment

Extension Courses

Field Trips

Graduate Study

Group Work

In-Service Training

-Interpretive Facilities

Meetings and Conferences

Primary Schools

Recreation Schools

Secondary Schools

Seminars USE Workshop Conferences; Short Courses

Short Courses UF Seminars

Sports Instruction USE Coaching

Training Centers

Undergraduate Study

Universities

Workshop Conferences UF Seminars

Medical Sciences

BT Knowledge

NT -Health

Psychiatry

Medium Density Population  
BT Population Distribution

Meetings and Conferences UF Congresses and Conventions  
BT Education  
Media for Education

Membership Fees  
BT Fees UF User Charges

Mental Effects  
BT Health Effects  
NT -Aesthetics  
Drugs USE Narcotics  
Narcotics UF Drugs  
Relaxation  
Renewal of Personal Resources

Mental Health  
BT Psychological Values

Mental Recreation  
BT Recreation Settings

Merit Systems  
BT Staff

Methodology USE Research Methods  
BT Research Methods UF Methodology

Metropolitan Areas  
BT Historical and Cultural Resources  
Local Governments  
Places of Residence

Metropolitan Authorities  
BT Local Governments

Microeconomics  
BT Economic Analysis UF Economic Studies

Migratory Bird Hunting Stamps  
BT Fees UF User Charges

Migratory Birds  
BT Birds  
NT Flyways  
-Waterfowl

AN 98

Milieu USE Environment  
BT Natural Beauty

Military Lands  
BT Administrative Units  
NT Forts  
Military Reservations  
Surplus Military Lands

Military Personnel  
BT User Types

Military Reservations  
BT Historic Resources  
Military Lands

Mills  
BT Historic Resources

Mineral Extraction USE Mining  
BT Resource Management UF Environmental Design; Land Management

Mineral Smelters  
BT Historic Resources

Minerals  
BT Geological Resources

Mines  
BT Historic Resources

Mining UF Mineral Extraction  
BT Resource Management UF Environmental Design; Land Management

Mining Camps  
BT Historic Resources

Minority Groups  
BT User Types

Misuses USE Adverse Uses  
BT Adverse Uses UF Misuses  
Encroachment

Mobile Homes  
BT Lodgings UF Accommodations  
Trailers

Mobility  
BT User Characteristics

Mobility of Resources  
BT Resource Characteristics

Monetary Benefits  
BT Tangible Benefits

Money USE Cash  
BT Financing

Monopolistic Competition  
BT Monopoly

Monopoly  
BT Market Conditions  
NT Monopolistic Competition  
Pure Monopoly

Monorails  
BT Transportation Services

Moose  
BT Mammals

Moral Effects  
BT Social Effects

Moral Values  
BT Human Values

Mosquitos USE Injurious Insects  
BT Injurious Insects UF Mosquitos

Mosses  
BT Vegetation

Motels UF Tourist Courts  
BT Lodgings UF Accommodations

Motivation  
BT Demand  
Education  
User Characteristics

Motor Pools  
BT Administrative Developments  
NT Motor Vehicles

Motor Scooters  
BT Cycling Equipment

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Motor Vehicles  
BT Motor Pools

Motorbike Trails  
BT Trails

Motorbikes  
BT Cycling Equipment

Motorboat Fuel Taxes USE Excise Taxes  
BT Taxes

Motorboating  
BT Boating

Motorboats  
BT Boats

Motorcycles  
BT Cycling Equipment

Motorcycling  
BT Cycling

Mountain Climbing  
BT Touring and Exploring

Mountain Lions  
BT Mammals

Mountains  
BT Geological Resources

Multiple Use  
BT Philosophies of Resource Use  
Political Resource Allocation

Multiple Use Management  
BT Alternative Solutions  
Forest Management  
Justification for Plans  
NT Dominant Uses USE Primary Uses  
Primary Uses UF Dominant Uses  
Secondary Uses UF Subordinant Uses  
Subordinant Uses USE Secondary Uses

Municipal Areas  
BT Administrative Units  
NT Recreation Communities

Municipal Forests  
BT Forests (Administrative Units)

Municipal Ordinances  
BT Local Ordinances

Municipal Parks  
BT Parks  
NT Municipal Squares  
Neighborhood Parks  
Vest Pocket Parks

Municipal Recreation  
BT Recreation Settings

Municipal Squares  
BT Municipal Parks

Municipalities USE Cities  
BT Local Governments

Museums  
BT Historic Resources  
Interpretive Facilities

Music  
BT Performing Arts

Musical Events  
BT Cultural Resources

Narcotics UF Drugs  
BT Mental Effects

National Battlefield Parks  
BT National Park System

National Battlefield Sites  
BT National Park System

National Battlefields  
BT National Park System

National Capital Parks  
BT National Park System

National Cemeteries  
BT National Park System

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National Forest Purchase Units  
BT National Forest System

National Forest System  
BT Federal Areas  
Forests (Administrative Units)  
NT Land Utilization Projects  
National Forest Purchase Units  
National Forests  
National Grasslands  
National Recreation Areas  
National Scenic and Recreation Trails  
National Scenic and Wild Rivers

National Forests  
BT National Forest System

National Grasslands  
BT National Forest System

National Heritage  
BT Historical Foundations  
Institutions of Society  
NT Traditions

National Historical Sites  
BT National Park System

National Lakeshores  
BT National Park System

National Memorials  
BT National Park System

National Military Parks  
BT National Park System

National Monuments  
BT National Park System

National Park System  
BT Federal Areas  
Parks  
NT National Battlefield Parks  
National Battlefield Sites  
National Battlefields  
National Capital Parks  
National Cemeteries  
National Historical Sites



National Lakeshores  
 National Memorials  
 National Military Parks  
 National Monuments  
 National Parks  
 National Parkways  
 National Recreation Areas  
 National Seashores

National Parks  
 BT National Park System

National Parkways  
 BT National Park System  
 Parkways

National Planning USE Nationwide Planning  
 BT Planning Areas

National Recreation Areas  
 BT Federal Areas  
 National Forest System  
 National Park System  
 Recreation Areas

National Scenic and Recreation Trails  
 BT National Forest System

National Scenic and Wild Rivers  
 BT National Forest System  
 Recreation Areas

National Scenic and Wild Rivers System  
 BT Federal Areas

National Seashores  
 BT National Park System  
 Recreation Areas

National Tourist Offices  
 BT Promotion and Marketing UF Publicity  
 Visitor Service Facilities

National Wild and Scenic Rivers  
 BT Rivers

National Wilderness System  
 BT Federal Areas  
 Wilderness Areas UF Back-Country; Primitive Areas

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National Wildlife Refuges

- BT Federal Areas
- Wildlife Areas

Nationwide Outdoor Recreation Plan

- BT Nationwide Planning UF National Planning

Nationwide Planning UF National Planning

- BT Planning Areas
- NT Nationwide Outdoor Recreation Plan

Natural Areas

- BT Administrative Units
- Natural Environment
- Scientific Sites
- NT Superlative Areas
- Unique Areas
- Wilderness Areas

Natural Beauty

- BT Aesthetics
- Aesthetic Values
- Environmental Quality
- Natural Resources UF Resources; Physiography
- NT Beautification
- Environment UF Milieu
- Environmental Quality
- Landscape
- Milieu USE Environment
- Open Space
- Pollution Control
- Resource Descriptions
- Topography
- Vacationscape

Natural Bridges and Arches

- BT Geological Resources

Natural Environment

- BT Ecology
- NT Flyways
- Natural Areas

Natural Environment Areas

- BT Recreation Resource Classes
- Zoning

Natural Resources UF Resources; Physiography

- BT Alternative Solutions
- Outdoor Recreation Resources and Facilities
- NT -Animals
- Climate
- Geological Resources
- Natural Beauty
- Physiography USE Natural Resources
- Plants USE Vegetation
- Resources USE Natural Resources; Historical and Cultural Resources
- Soils
- Vegetation
- Water Resources

Naturalists USE Interpretive Specialists

- BT Interpretive Specialists UF Naturalists

Nature Books

- BT Nature Study Equipment

Nature Centers

- BT Interpretive Facilities

Nature Study

- BT Recreation Activities UF Amusements; Play
- NT -Observing Nature

Nature Study Equipment

- BT Equipment for Outdoor Recreation
- NT Nature Books
- Photographic Equipment

Nature Study Facilities

- BT Recreational Facilities
- NT -Interpretive Facilities
- Wildlife Refuges
- Zoos

Nature Trails

- BT Interpretive Facilities

Nature Walking

- BT Observing Nature
- Walking

Navigation

- BT Water Management

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**Needs**

- SN Innate Subconscious requirements for physical, mental, or social satisfactions; e.g., security, response, recognition.
- BT Planning Analysis
- NT Activities
  - Demand
  - Recreation Settings
  - User Characteristics
  - User Types

**Needs for Recreation**

- SN An individual's psychological requirements that can be satisfied through recreation; usually occurs at subconscious level.
- BT Demand
  - Measurement Units
  - Resource Management UF Environmental Design; Land Management
  - User Characteristics
  - Valuation Techniques

**Negligence**

- BT Safety

**Neighborhood Parks**

- BT Municipal Parks

**Neighborhood Playgrounds**

- BT Outdoor Living Facilities

**Net Profits**

- BT Profits UF Rates of Return

**Net Revenues**

- BT Revenues

**Nets**

- BT Ballgame Equipment
- Hunting and Fishing Equipment

**Newspaper Advertising**

- BT Advertising

**Nineteenth Century History**

- BT Historical Foundations

**Noise Pollution**

- BT Pollution

Non-Conforming Uses

- BT Implementation of Plans
- NT Administrative Regulations
- Legislation
- Zoning

Non-Local Residents

- BT User Types

Non-Profit Corporations

- BT Quasi-Public Units

Non-Profit Organizations

- BT Organizations

Non-Recreation Enterprises

- SN Enterprises supplying recreation opportunities only incidentally.
- BT Commercial Enterprises UF Businesses; Free Enterprise

Non-Reimbursable Benefits

- BT Benefit Types

Non-Reimbursable Costs

- BT Cost Types

Noncommercial Units

- BT Private Properties
- NT Churches and Church Groups

Nonrenewable Resources

- BT Resource Types

Nuisances

- SN An on-going and continuing condition which is injurious to health, is indecent or offensive to the senses, or is an obstruction to the free use of property, so as essentially to interfere with the comfortable enjoyment of life and property. (M&S, p 13)
- BT Adverse Uses UF Misuses

Oars and Paddles

- BT Boating Equipment

Objectives of Planned Changes

- BT Planning Analysis
- NT -Benefits
- Recreation Activities

Observation Towers UF Lookout Towers

- BT Touring and Exploring Facilities

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Observatories

BT Interpretive Facilities

Observing Nature

BT Nature Study

NT Bird Watching

Nature Walking

Occupations

BT User Characteristics

Oceanic Travelling USE Boat Cruising

BT Touring and Exploring

Oceanography

BT Earth Sciences

Oceans and Seas

BT Water Resources

Oligopoly

BT Market Conditions

Olympaid USE Olympic Games

BT Cultural Resources

Olympic Games

BT Tournaments UF Athletic Competitions

Open Space

BT Natural Beauty

Resource Uses

Opera Houses

BT Cultural Resources

Historic Resources

Operating Costs

BT Costs of Administration

Purposes of Costs

NT Depreciation

Insurance Costs

Maintenance Costs

-Marketing and Promotion Costs

Rent

Replacement Costs

-Taxes

Utility Costs

Operation and Maintenance

- BT Administrative Functions and Levels
- Management Levels

Operations Research

- BT Economic Resource Allocation

Opportunity Costs

- BT Cost Types

Options

- BT Acquisition of Land

Organization Camps USE Group Camps

- BT Lodgings UF Accommodations

Organization of Design

- BT Design Criteria

Organization Philosophies

- BT Policies

Organizations

- SN Commercial or noncommercial associations.
- BT Historical Foundations
- Private Properties
- NT Community Organizations
- Foundations
- Non-Profit Organizations
- Professional Organizations
- Research Organizations
- Tourist Promotional Organizations
- Trade Associations
- Travel Organizations

Organized Recreation

- BT Recreation Settings

Otters

- BT Marine Mammals

Outdoor Advertising UF Billboards

- BT Advertising

Outdoor Cooking

- BT Outdoor Living
- NT Barbecues USE Fireplaces and Grills
- Campfire Cooking

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Outdoor Education USE Environmental Education  
BT Education

Outdoor Furniture  
BT Outdoor Living Equipment

Outdoor Lights  
BT Outdoor Living Equipment

Outdoor Living  
BT Recreation Activities UF Amusements; Play  
NT -Camping  
Gardening  
-Outdoor Cooking  
Picnicking

Outdoor Living Equipment  
BT Equipment for Outdoor Recreation  
NT -Camping Equipment  
Gardening Equipment  
Outdoor Furniture  
Outdoor Lights  
-Outdoor Play Equipment  
Tents

Outdoor Living Facilities  
BT Recreational Facilities  
NT Barbecues USE Fireplaces and Grills  
-Campgrounds  
Family Units USE Camping Space  
Farm Lands USE Farms  
Farms UF Farm Lands; Vacation Farms  
Fireplaces and Grills UF Grills; Stoves  
Grills USE Fireplaces and Grills  
Kitchen Shelters  
Lunch Areas  
Neighborhood Playgrounds  
-Parks  
Picnic Shelters  
Picnic Units  
Playfields  
Stoves USE Fireplaces and Grills  
Tables  
Vacation Farms USE Farms  
-Wilderness Areas

Outdoor Play Equipment  
BT Outdoor Living Equipment



NT Game Equipment  
 Playground Equipment USE Outdoor Play Equipment  
 Scooters  
 Seesaws  
 Skateboards  
 Skates  
 Slides  
 Swings

Outdoor Recreation Plans UF Comprehensive Outdoor Recreation Plans  
 BT Comprehensive Outdoor Recreation Plans USE Outdoor Recreation Plans

#### Outdoor Recreation Resources and Facilities

NT -Administrative Units  
 -Historical and Cultural Resources  
 -Natural Resources UF Resources; Physiography  
 -Potential Recreational Opportunities  
 -Recreational Facilities  
 -Supply of Recreational Opportunities  
 -Visitor Service Facilities

#### Outdoor Theaters

BT Artistic Facilities

#### Outfitters

BT Visitor Service Facilities

#### Outstanding Natural Areas

BT Recreation Resource Classes  
 Zoning

#### Outstanding Rock Formations

BT Geological Resources

#### Overflow Campgrounds

BT Campgrounds

#### Overlooks

BT Scenic Roads  
 Touring and Exploring Facilities

#### Ownership of Recreation Opportunities

BT Institutions of Society  
 Planning Constraints

#### Paddle Tennis

BT Ball Games

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Pageants USE Exhibitions  
BT Cultural Resources  
Spectator Events

Painting  
BT Arts and Crafts  
Fine Arts

Parachutes  
BT Vehicular Sports Equipment

Parachuting  
BT Vehicular Activities

Parades  
BT Spectator Events

Park Caretakers  
BT Maintenance Personnel

Park Foremen  
BT Supervisory Personnel

Park Interns  
BT Trainee Personnel

Park Management  
BT Resource Management UF Environmental Design; Land Management

Park Offices  
BT Administrative Structures

Park Rangers  
BT Supervisory Personnel

Park Superintendents  
BT Supervisory Personnel

Parking Areas  
BT Transportation Services

Parks  
BT Administrative Units  
Outdoor Living Facilities  
NT County Parks  
-Municipal Parks  
-National Park System  
Private Parks  
-Reservoirs  
State Parks

Parkways

- BT Roads
- NT National Parkways

Participants USE Users

- BT Demand Predictions
- User Characteristics

Participation Rates

- BT User Characteristics

Passengers USE Users

- BT User Types

Passports and Visas

- BT Visitor Regulation

Pathology

- BT Ecology
- Resource Management UF Environmental Design; Land Management
- NT -Animal Pathology
- Plant Pathology

Payments in Lieu of Taxes

- BT Taxes

Peaking in Use

- BT Recreation Use UF Attendance
- NT Crowding

Perception

- BT Factors Affecting Use

Perception of Landscape

- BT Aesthetics

Perfect Economic Competition

- BT Economic Competition

Performing Arts

- BT Artistic Activities UF Creative Recreation
- Knowledge
- NT -Dancing
- Drama
- Music

Periodicals

- BT Sources of Information UF Reference Materials

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Permits

BT Administrative Regulations

Personal Incomes

BT Direct Economic Impacts  
User Characteristics

Personal Licenses

BT Fees  
Personal Rights  
Visitor Regulation

Personal Permits

BT Personal Rights  
Visitor Regulation

Personal Rights

SN Excludes rights based on contractual arrangements.  
BT Legal Rights  
NT Personal Licenses  
Personal Permits

Personal Services

BT Contract Rights

Personnel

BT Administration  
NT -Administrative Personnel  
Clerical Personnel  
Entrepreneurs  
Labor Force  
-Leadership Personnel  
-Maintenance Personnel  
Professional Personnel UF Recreators  
Recreators USE Professional Personnel  
Subprofessional Personnel  
-Supervisory Personnel  
-Trainee Personnel  
Volunteers

Personnel Costs UF Labor Costs

BT Production Costs

Personnel Housing

BT Administrative Structures

Personnel Management for Visitors and Staff

BT Administration

- NT -Accidents
- Adverse Uses UF Misuses
- Communications
- Health
- Recreation Leadership  
Recreation Programs
- Safety
- Staff
- Visitor Regulation

Pesticides

- BT Animal Pathology

Petroglyphs and Pictographs

- BT Archeological Resources

Pharmacies USE Drugstores

- BT Visitor Service Facilities

Pheasants

- BT Game Birds

Philosophical Concepts

- BT Administration
- NT -Benefits to Individuals  
Benefits to Society  
Citizen Responsibilities  
Ethics  
Leisure  
Management Attitudes  
Philosophies of Recreation  
-Philosophies of Resource Use

Philosophies of Recreation

- BT Philosophical Concepts

Philosophies of Resource Use

- BT Management Objectives  
Philosophical Concepts  
Planning Constraints
- NT -Aesthetics  
Beneficial Uses  
-Conservation  
Multiple Use  
Preservation of Resources  
Quality of Resources  
Single Use  
Utility  
Utilization

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**Photogrammetry**

BT Research Methods UF Methodology

**Photographic Equipment**

BT Art Equipment  
Nature Study Equipment  
NT Cameras  
Films for Photography

**Photographic Essays**

BT Interpretive Facilities

**Photographing Nature**

BT Collecting  
Photography

**Photographing Sports**

BT Collecting

**Photographs**

BT Sources of Information UF Reference Materials  
NT Aerial Photographs

**Photography**

BT Artistic Activities UF Creative Recreation  
Spectator Events  
NT Photographing Nature  
Underwater Photography

**Physical Education**

BT Education

**Physical Effects**

BT Health Effects  
NT Physical Fitness

**Physical Fitness**

BT Physical Effects  
Physical Values

**Physical Product**

BT Economic Analysis UF Economic Studies

**Physical Recreation**

BT Recreation Settings

**Physical Values**

BT Human Values  
NT Physical Fitness

Physiography USE Natural Resources

BT Natural Resources UF Resources; Physiography

Picnic Shelters

BT Outdoor Living Facilities

Picnic Units

BT Outdoor Living Facilities

Picnicking

BT Outdoor Living

Piers

BT Water Sports Facilities

Pike

BT Freshwater Fish

Pioneer Farms

BT Historic Resources

Pioneer Villages

BT Historic Resources

Places of Residence

BT User Characteristics

NT Inner Cities

Metropolitan Areas

Rural Areas

Suburbs

Plan Implementation

BT Development Process

Plan Specifications

BT Construction

Plan Types

BT Planning and Design UF Environmental Design

NT Comprehensive Plans UF Comprehensive Outdoor Recreation

Historic Preservation Plans

Land Use Plans

Long-Term Plans USE Master Plans

Master Plans

Outdoor Recreation Plans UF Comprehensive Outdoor Recreation Plans

Preliminary Plans UF Sketch Plans

Regional Plans

Short-Term Plans

Site Plans

Sketch Plans USE Preliminary Plans

Transportation Plans

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Planned Capacity

BT Alternative Solutions

Planning Analysis

SN Basic identification of an area's capabilities, and selection of administrative objectives and means of attaining them.

BT Development Process

Planning and Design UF Environmental Design

NT -Alternative Solutions

-Construction

-Criteria for Alternative Solutions

-Demand Predictions

Design

-Implementation of Plans

-Justification for plans

-Needs

-Objectives of Planned Changes

-Planning Constraints

Recommendations

-Recreational Opportunities

-Resource Characteristics

Selection of Objectives

-User Characteristics

Planning and Design UF Environmental Design

BT Administration

NT -Comprehensive Outdoor Recreation Plans USE Outdoor Recreation Plans

-Design UF Layout

-Design Criteria

-Design Expression

-Design Process

Design Standards

-Design Types

-Designed Capacities

Development Intensity

-Development Process

Development Quality

Environmental Design USE Planning and Design

Layout USE Design

-Plan Types

-Planning Analysis

-Planning Areas

Planning Process USE Planning Analysis

Planning Theory

-Recreation Plans, Comprehensive Plans

Planning Areas

BT Planning and Design UF Environmental Design



NT Area Planning  
 Facility Planning  
 National Planning USE Nationwide Planning  
 -Nationwide Planning UF National Planning  
 Planning Regions USE Regional Planning  
 Regional Planning UF Planning Regions; River Basin Planning  
 River Basin Planning USE Regional Planning  
 Site Planning  
 State Planning  
 Urban Planning

Planning Commissions

BT Approval of Plans

Planning Constraints

BT Criteria for Alternative Solutions  
 Planning Analysis

NT Area Boundaries

Area Types  
 Budget  
 Coordination of Management  
 Coordination of Suppliers  
 Coordination of Uses  
 Legal Procedures  
 Management Guidelines  
 -Management Objectives  
 Ownership of Recreation Opportunities  
 -Philosophies of Resource Use

Planning Costs

BT Investment Costs

Planning Departments

BT Approval of Plans

Planning Process USE Planning Analysis

BT Planning and Design UF Environmental Design

Planning Regions USE Regional Planning

BT Planning Areas

Planning Standards and Criteria

BT Criteria for Alternative Solutions

Planning Theory

BT Planning and Design UF Environmental Design

Plant Indicators

BT Ecology

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Plant Materials

BT Ecology

Plant Pathology

BT Pathology

NT Aquatic Plant Control

Poisonous Plant Control

Planting Easements

BT Easements

Plants USE Vegetation

BT Natural Resources UF Resources; Physiography

Play USE Recreation Activities

SN The free, happy, spontaneous natural expression of people which pervades many of the recreation activities of children and adults. (M&S, p 15)

BT Recreation Activities

Playfields

BT Outdoor Living Facilities

Playground Equipment USE Outdoor Play Equipment

BT Outdoor Play Equipment

Plays and Melodramas USE Drama

BT Cultural Resources

Drama

Pleasure

SN Favorable or desirable reactions to recreation activities.

BT Experience

Valuation Techniques

Poisonous Plant Control

BT Plant Pathology

Pole Vaulting

BT Track and Field Sports

Policies

SN Directive statements of organization positions or philosophies.

BT Administration

Resource Management UF Environmental Design; Land Management

NT -Administrative Regulations

-Criteria for Policies

-Health and Safety Guidelines

Management Guidelines

-Management Objectives

Organization Philosophies

Policy Implementation

Policies of Management  
BT Management Objectives

Policy Implementation  
BT Policies

Policy Issues  
BT Policy-Making Process

Policy Translation  
BT Administrative Functions and Levels

Policy-Making  
BT Management Levels

Policy-Making Process  
BT Administration  
Administrative Functions and Levels  
NT Bureaucracy  
Coordination  
-Criteria  
-Decision-Making  
-Management Objectives  
Policy Issues  
Responsibility Designations  
Selection of Objectives  
Special Interest Groups

Political Economy  
BT Institutions of Society

Political Effects  
BT Social Effects

Political Opportunities  
BT Approval of Plans

Political Representation  
BT Implementation of Plans

Political Resource Allocation  
BT Allocation of Resources  
NT Highest and Best Use  
Multiple Use

Political Science  
BT Social Science

Politics

BT Institutions of Society

Polls USE Surveys

BT Sources of Information UF Reference Materials

Pollutants

BT Environmental Quality

Pollution

BT Environmental Quality

NT Air Pollution

Noise Pollution

Soil Pollution

Thermal Pollution

Water Pollution

Pollution Abatement

BT Water Quality Control

Pollution Control

BT Environmental Quality

Natural Beauty

Protection of Resources

Polo

BT Ball Games

Ponds

BT Water Resources

Pools

BT Water Sports Facilities

NT Spray Pools

Swimming Pools

Wading Pools

Population Characteristics

BT Factors Affecting Use

User Characteristics

NT -Population Distribution

-User Characteristics

Population Distribution

BT Factors Affecting Use

Population Characteristics

NT Congestion USE Crowding

Crowding UF Congestion

High Density Population  
Low Density Population  
Medium Density Population  
Urbanization

Population Explosion  
BT Conservation

Population Limitation UF Birth Control  
BT Conservation

Population Studies  
SN Descriptions and dynamics of plant and animal populations.  
BT Ecology

Portage Trails  
BT Trails

Ports USE Harbors  
BT Transportation Services

Post Offices  
BT Visitor Service Facilities

Potential Recreational Opportunities  
BT Outdoor Recreation Resources and Facilities  
Recreational Opportunities  
Site Selection  
NT Aerial Photographs  
Attraction Development Base  
Inventories  
-Maps  
Recreational Resource Analysis USE Suitability of Resources  
Sites  
-Suitability of Resources

Power Development  
BT Resource Uses  
Watershed Management

Power Structure  
BT Approval of Plans  
Decision-Making

Power Systems  
BT Administrative Developments  
Utilities

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Predator Control

- BT Animal Pathology
- Fish Stocking UF Fish Planting
- Wildlife Management UF Game Management

Predatory Birds

- BT Birds
- NT Falcons

Prediction Techniques

- BT Demand Predictions UF Demand Projections
- Statistical Techniques
- Use Predictions

Preference Surveys USE Market Surveys

- BT Promotion and Marketing UF Publicity
- Surveys UF Pools; Interviews; Questionnaires

Preferences

- SN The ordering of wants, which in turn are responses to unconscious, internal needs plus external influences such as advertising.
- BT Demand
- Measurement Units

Preliminary Plans UF Sketch Plans

- BT Comprehensive Outdoor Recreation Plans USE Outdoor Recreation Plans

Preschool Children

- BT User Types

Preservation

- BT Conservation

Preservation of Resources

- BT Philosophies of Resource Use

Preservation vs Utilization

- BT Controversial Issues

Pressure Group USE Special Interest Groups

- BT Approval of Plans

Pricing

- BT Economic Analysis UF Economic Studies
- Economic Valuation

Primary Benefits

- BT Benefit Types

Primary Costs  
BT Cost Types

Primary Education  
BT Educational Levels

Primary Industries  
BT Vertical Economic Impacts

Primary Schools  
BT Media for Education

Primary Uses UF Dominant Uses  
BT Multiple Use Management

Primitive Areas  
BT Recreation Resource Classes

Primitive Areas USE Wilderness Areas  
BT Administrative Units  
Zoning

Primitive Camping  
BT Camping

Principal  
BT Financing

Priorities  
BT Implementation of Plans

Private Capital  
BT Capital Sources

Private Forests  
BT Forests (Administrative Units)

Private Housing  
BT Lodgings UF Accommodations

Private Non-Commercial Recreation  
BT Recreation Settings

Private Parks  
BT Parks

Private Properties  
BT Administration  
Horizontal Economic Impacts

NT Businesses USE Commercial Enterprises  
-Commercial Enterprises UF Businesses; Free Enterprise  
Free Enterprise USE Commercial Enterprises  
Industries USE Commercial Enterprises; Manufacturers  
-Noncommercial Units  
-Organizations

Probate Proceedings  
BT Legal Procedures and Remedies

Problem Identification  
BT Design Process  
Research Process UF Scientific Method

Problem Identification and Specification  
BT Problems of Management

Problems of Management  
BT Administration  
NT -Controversial Issues  
Intra-Organizational Conflicts  
Problem Identification and Specification

Proceedings of Meetings  
BT Sources of Information UF Reference Materials

Product Distribution  
BT Economic Analysis UF Economic Studies

Production Costs  
BT Costs of Administration  
NT -Capital Costs  
Labor Costs USE Personnel Costs  
Land Costs  
Personnel Costs UF Labor Costs

Professional Accreditation USE Accreditation  
BT Education

Professional Education  
BT Education

Professional Organizations  
BT Organizations

Professional Personnel UF Recreators  
BT Personnel

Professors USE Educators  
BT Educational Personnel



Profit Maximization  
 BT Maximization

Profit-Making Potential  
 BT Feasibility

Profits  
 BT Financing  
 Indirect Economic Impacts  
 Justification

Profits UF Rates of Return  
 BT Direct Economic Impacts  
 NT Gross Profits  
 Net Profits  
 Rates of Return USE Profits

Promotion and Marketing UF Publicity  
 BT Administration  
 Implementation of Plans  
 NT -Advertising  
 Market Surveys  
 Marketing Techniques  
 National Tourist Offices  
 Preference Surveys USE Market Surveys  
 Promotional Techniques  
 Publicity USE Pormotion and Marketing  
 Travel Films

Promotion of Personnel  
 BT Staff

Promotional Techniques  
 RT Promotion and Marketing UF Publicity

Propagation  
 BT Wildlife Management UF Game Management

Property Rights  
 BT Legal Rights  
 NT Air Rights  
 Development Rights  
 -Easements  
 Fee Rights  
 -Leases  
 Licenses and Use Permits  
 Rights of Way  
 Riparian Rights

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Property Taxes

BT Taxes

Property Values

BT Direct Economic Impacts

Proportionality

BT Economic Analysis UF Economic Studies

Proration

BT Economic Analysis UF Economic Studies

Protection of Resources

BT Conservation

NT Pollution Control

Rationing of Use

Proximity

BT Location

Psychiatry

BT Medical Sciences

Psychological Factors

BT User Characteristics

Psychological Values

BT Human Values

NT Mental Health

Renewal of Inner Resources

Satisfaction of Needs UF Self-Fulfillment

Self-Fulfillment USE Satisfaction of Needs

Psychology

BT Social Sciences

Public Administration

BT Social Sciences

Public Agencies

BT Administration

Horizontal Economic Impacts

NT Federal Government USE U. S. Government

Foreign Governments

-Intergovernmental Affairs

-Local Governments

Public-Private Cooperation

-Quasi-Public Units

-State Governments

U. S. Government

Public Recreation

BT Recreation Settings

Public Relations

BT Communications  
Implementation of Plans  
Mass Media  
Social Sciences  
NT Communication Media

Public Sector vs Private Sector

BT Controversial Issues

Public-Private Cooperation

BT Public Agencies

Publicity USE Promotion and Marketing

BT Promotion and Marketing UF Publicity

Purchases and Lease-Back

BT Acquisition of Land

Pure Monopoly

BT Monopoly

Purposes of Costs

BT Costs of Administration  
NT Contingency Costs  
-Investment Costs  
-Operating Costs

Purposes of Legislation

BT Legislation  
NT Appropriations  
Constitutions and Organic Acts  
Enabling Legislation  
Regulatory Legislation  
Tax Legislation

Quail

BT Game Birds

Quality Impacts on Benefits

BT Amount of Benefits

Quality Impacts on Costs

BT Cost Analysis

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Quality of Resources

- BT Philosophies of Resource Use
- Resource Characteristics
- Suitability of Resources

Quality vs Quantity

- BT Controversial Issues

Quantity of Resources UF Scarcity of Resources

- BT Philosophies of Resource Use
- Resource Characteristics
- Suitability of Resources

Quasi-Public Units

- BT Public Agencies
- NT Educational Institutions
- Indian Tribes
- Non-Profit Corporations

Questionnaires USE Surveys

- BT Surveys UF Polls; Interviews; Questionnaires

Rabbits

- BT Mammals

Raccoons

- BT Mammals

Racetracks

- BT Spectator Facilities

Racial and Religious Prejudice

- BT Social Conditions

Racing

- BT Spectator Events
- Vehicular Activities
- NT Air Racing
- Auto Racing
- Bicycle Racing
- Boat Racing
- Horse Racing

Racing Boats

- BT Boats

Racing Cars

- BT Automobiles

## radioactive Materials

BT Water Quality Control

## rafts

BT Water Sports Facilities

## railroad Beds

BT Historic Resources

## railroad Stations

BT Historic Resources

## railroad Tunnels

BT Historic Resources

## railroads

BT Transportation Services

## rain

BT Climate

## Range Management

BT Resource Management UF Environmental Design; Land Management

NT Grazing

## ranges (Plant Communities)

BT Vegetation

## rapids UF Cascades; Whitewater

BT Water Resources

## rapids Running

BT Water Sports UF Aquatic Sports

## squats

BT Ballgame Equipment

## rates of Return USE Profits

BT Profits UF Rates of Return

## rationing of Use

BT Protection of Resources  
Visitor Regulation

## receipts USE Revenues

BT Direct Economic Impacts

Reclamation

- BT Resource Uses
- NT Irrigation

Recommendations

- BT Design Process
- Planning Analysis
- Research Process UF Scientific Method

Recreation

- BT Institutions of Society

Recreation Activities

- BT Objectives of Planned Changes
- Use Characteristics

Recreation Activities, Equipment, Users

- NT -Demand
- Effects on Users and Society
- Equipment for Outdoor Recreation
- Factors Affecting Use
- Human Values
- Recreation Activities UF Amusements; Play
- Recreation Settings
- Recreation Use UF Attendance
- User Characteristics
- User Types

Recreation Activities UF Amusements; Play

- BT Recreation Activities, Equipment, Users
- NT Amusements USE Recreation Activities
- Aquatic Sports USE Water Sports
- Artistic Activities UF Creative Recreation
- Ball Games
- Collecting
- Creative Recreation USE Artistic Activities
- Hunting and Fishing
- Marksmanship
- Nature Study
- Outdoor Living
- Play USE Recreation Activities
- Relaxation
- Social Recreation USE Social Activities
- Spectator Events
- Touring and Exploring
- Tourism USE Touring
- Track and Field Sports
- Vehicular Activities
- Water Sports UF Aquatic Sports
- Winter Sports

**Recreation Areas**

- BT Administrative Units
- NT National Recreation Areas
  - National Scenic and Wild Rivers
  - National Seashores

**Recreation Attendants**

- BT Recreation Leaders

**Recreation Businesses USE Recreation Enterprises**

- BT Commercial Enterprises UF Businesses; Free Enterprise

**Recreation Centers**

- BT Recreational Facilities

**Recreation Communities UF Colonies**

- BT Lodgings UF Accommodations
  - Municipal Areas

**Recreation Complexes**

- BT Alternative Solutions

**Recreation Day USE Visitor Day**

- BT Units of Use

**Recreation Districts**

- BT Administrative Units

**Recreation Enterprises UF Recreation Businesses**

- BT Commercial Enterprises UF Businesses; Free Enterprise
- NT Recreation Facilities
  - Visitor Service Facilities

**Recreation Facilities**

- SN Structures and other physical improvements used in pursuit of recreation experiences; usually permanently installed by the owner of the recreation opportunity.
- BT Alternative Solutions
  - Recreation Enterprises UF Recreation Businesses

**Recreation Interns**

- BT Trainee Personnel

**Recreation Leaders**

- BT Leadership Personnel
- NT Coaches UF Trainers
  - Recreation Attendants
  - Trainers USE Coaches

Recreation Leases

- BT Fees UF User Charges  
Leases

Recreation Management

- BT Resource Management UF Environmental Design; Land Management
- NT Recreation Principles

Recreation Plans, Comprehensive Plans

- BT Planning and Design UF Environmental Design
- NT Comprehensive Plans UF Comprehensive Outdoor Recreation Plans  
Historic Preservation Plans  
Land Use Plans  
Long-Term Plans USE Master Plans  
Master Plans  
Outdoor Recreation Plans UF Comprehensive Outdoor Recreation Plans  
Preliminary Plans UF Sketch Plans  
Regional Plans  
Short-Term Plans  
Site Plans  
Sketch Plans USE Preliminary Plans  
Transportation Plans

Recreation Principles

- BT Recreation Management

Recreation Programs

- BT Administrative Programs  
Personnel Management for Visitors and Staff

Recreation Resource Classes

- BT Administrative Units
- NT General Outdoor Recreation Areas  
High Density Recreation Areas  
Historic and Cultural Sites  
Natural Environment Areas  
Outstanding Natural Areas  
Primitive Areas

Recreation Schools

- SN Special instruction for recreation skills.
- BT Media for Education

Recreation Settings

- BT Demand Predictions  
Needs  
Recreation Activities, Equipment, Users  
Use Characteristics



## Recreation Skills

- SN Technical proficiency in conducting and pursuing forms of recreation. (M&S, p 29)
- BT User Characteristics

## Recreation Taxes

- BT Taxes

## Recreation Theory

- BT Integrative Disciplines

## Recreation Use UF Attendance

- SN Amount of attendance in recreation activities, usually expressed in number of visits, visitor-days, or visitors.
- BT Recreation Activities, Equipment, Users
- NT Attendance USE Recreation Use
  - Experience
  - Peaking in Use
  - Use Characteristics
  - Use Estimates
  - Use Predictions
  - Use Records

## Recreational Facilities

- BT Outdoor Recreation Resources and Facilities
- NT Amusement Parks
  - Artistic Facilities
  - Ballgame Facilities
  - Clubhouses
  - Hunting and Fishing Facilities
  - Lodgings UF Accommodations
  - Marksmanship Facilities
  - Nature Study Facilities
  - Outdoor Living Facilities
  - Recreation Centers
  - Spectator Facilities
  - Touring and Exploring Facilities
  - Track and Field Facilities
  - Vehicular Facilities
  - Water Sports Facilities
  - Winter Sports Facilities

## Recreational Opportunities

- SN Provision of time, place, facilities, equipment and atmosphere conducive for the pursuit of recreation experiences. (M&S, p 28)
- BT Planning Analysis
- NT Attraction Indexes
  - Potential Recreational Opportunities
  - Supply of Recreational Opportunities

Recreational Resource Analysis USE Suitability of Resources  
BT Potential Recreational Opportunities

Recreationists USE Users  
BT User Types

Recreators USE Professional Personnel  
BT Personnel

Recruitment  
BT Staff

Reference Materials USE Sources of Information  
BT Education

References  
BT User Characteristics

Refuges USE Wildlife Refuges  
BT Administrative Units

Regional Economic Benefits  
BT Benefits  
NT -Economic Development

Regional Planning UF Planning Regions; River Basin Planning  
BT Integrative Disciplines  
Planning Areas

Regional Plans  
BT Comprehensive Outdoor Recreation Plans USE Outdoor Recreation Plans

Registrations  
SN Collection of data concerning socio-economic attributes or  
recreational activities of users.  
BT Sources of Information UF Reference Materials

Regulatory Legislation  
BT Purposes of Legislation

Regulatory Programs  
BT Administrative Programs  
Administrative Regulations

Rehabilitation  
SN Rebuilding or renovation of recreation resources or developments.  
BT Resource Engineering

Rehabilitation of Resources

BT Conservation  
Development Process

Reimbursable Benefits

BT Benefit Types

Reimbursable Costs

BT Cost Types

Reimbursement USE Repayment

BT Financing

Relaxation

SN Deliberate inactivity enjoyed as a change of pace.  
BT Mental Effects  
Recreation Activities UF Amusements; Play

Relay Racing

BT Track and Field Sports

Religions

BT Institutions of Society  
User Characteristics

Religious Sites

BT Cultural Resources  
NT Churches

Renewable Resources

BT Resource Types

Renewal of Inner Resources

BT Enrichment of Personal Living  
Psychological Values

Renewal of Personal Resources

BT Mental Effects

Rent

BT Operating Costs

Rental Autos

BT Transportation Services

Rental Cabins UF Cottages

BT Lodgings UF Accommodations

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Rental Receipts

BT Financing

Repayment UF Reimbursement

BT Financing

Replacement Costs

BT Operating Costs

Report Writing

BT Communications

Reports

BT Sources of Information UF Reference Materials

Research

BT Sources of Information UF Reference Materials  
Supporting Information

NT Research Ideas

Research Planning

Research Plans

-Research Process UF Scientific Method

Research Programs

Research Projects

Research Proposals

Research Results

Scientific Method USE Research Process

Research Ideas

BT Research

Research Methods UF Methodology

BT Supporting Information

NT -Analytical Techniques

Coding

-Data Storage and Retrieval

Experimental Design

Inventories

Mapping Techniques

Mathematical Models

Measurement Techniques

Methodology USE Research Methods

Photogrammetry

Scientific Method USE Research Process

-Statistical Techniques

Research Organizations

BT Organizations

Research Planning  
BT Research

Reserach Plans  
BT Research

Research Process UF Scientific Method  
BT Research  
NT -Alternative Solutions  
Conclusions  
Problem Identification  
Recommendations  
Selection of Information  
Selection of Objectives  
Tests of Alternative Solutions

Research Programs  
BT Administrative Programs  
Research

Research Projects  
BT Research

Research Proposals  
BT Research

Research Results  
BT Research

Reservation Services  
BT Travel Agencies

Reservoir Recreation Areas  
BT Reservoirs

Reservoirs  
BT Administrative Developments  
Parks  
Water Resources  
NT Reservoir Recreation Areas

Residence Sites  
BT Lodgings UF Accommodations

Resident Camping  
BT Camping

**Resorts**

- BT Administrative Units  
Lodgings UF Accommodations  
Resource Characteristics

**Resource Characteristics**

- BT Allocation of Resources  
Planning Analysis
- NT -Accessibility of Resources  
Competition Among Resource Uses  
Demand For Resources  
Exhaustibility of Resources  
Mobility of Resources  
Quality of Resources  
Quantity of Resources UF Scarcity of Resources  
Resource Capabilities  
Scarcity of Resources USE Quantity of Resources  
Substitutibility of Resources

**Resource Descriptions**

- BT Natural Beauty

**Resource Engineering**

- BT Resource Management UF Environmental Design; Land Management
- NT Accessibility  
Enhancement of Resource Values  
Rehabilitation  
Suitability of Resources  
Wild River Manipulation

**Resource Management UF Environmental Design; Land Management**

- BT Administration
- NT -Administrative Regulations  
Case Studies  
-Conservation  
Conservation Programs  
-Decision-Making  
-Ecology  
Environmental Design USE Resource Management  
Extermination UF Biotic Extinction  
-Fish Stocking UF Fish Planting  
-Fisheries Management  
-Forest Management  
Game Management USE Wildlife Management  
-Habitat  
Inspections  
Intra-Organizational Conflicts

Land Description  
 Land Management USE Resource Management  
 Land Use  
 Landscape Management  
 Maintenance  
 Management Attitudes  
 -Management Levels  
 Mineral Extraction USE Mining  
 Mining UF Mineral Extraction  
 Needs for Recreation  
 Park Management  
 -Pathology  
 -Policies  
 -Range Management  
 -Recreation Management  
 -Resource Engineering  
 -Resource Uses  
 Supplies  
 Technology  
 -Waste  
 -Water Management  
 -Watershed Management  
 Weather Modification  
 -Wildlife Management UF Game Management

Resource Management Programs  
 BT Administrative Programs

Resource Mix  
 BT Economic Analysis UF Economic Studies

Resource Types  
 BT Allocation of Resources  
 NT Flow Resources USE Renewable Resources  
 Fund Resources USE Nonrenewable Resources  
 Nonrenewable Resources  
 Renewable Resources

Resource Use Philosophies  
 BT Conservation

Resource Uses  
 BT Resource Management UF Environmental Design; Land Management  
 NT -Alternative Resource Uses  
 Cluster Developments  
 --Encroachment  
 Open Space  
 Power Development  
 -Reclamation  
 -Zoning

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Resource-Oriented Recreation

BT Recreation Settings

Resources USE Natural Resources; Historical and Cultural Resources

BT Natural Resources UF Resources; Physiography

Responsibility Designations

BT Policy-Making Process

Restaurants USE Food Services

BT Visitor Service Facilities

Restoration USE Rehabilitation of Resources

BT Conservation

Restrooms UF Comfort Stations; Toilets

BT Sanitation Systems

Retired USE Aged

BT User Types

Retrieval Services USE Information Systems

BT Sources of Information UF Reference Materials

Returns on Investment

BT Valuation of Tangible Benefits

Returns to Scale

BT Economic Analysis UF Economic Studies

Revenue Sources

BT Financing

NT -Fees

Revenues UF Receipts

BT Direct Economic Impacts

Economic Aspects

NT Average Revenues

Fixed Revenues

Gross Revenues

-Long-Run Revenues

Marginal Revenues

Net Revenues

-Short-Run Revenues

Total Revenues

Variable Revenues



Riding Equipment

BT Vehicular Sports Equipment

Riding Stables

BT Touring and Exploring Facilities

Rights of Way

BT Property Rights

Rights to Sue

BT Litigation

Riparian Lands USE Shorelines

BT Water Resources

Riparian Rights

BT Property Rights

Risk

BT Interest

River Basin Planning USE Regional Planning

BT Planning Areas

River Basins

BT Water Resources

NT Watersheds

River Touring

BT Water Sports UF Aquatic Sports

Rivers

BT Water Resources

NT Float Rivers USE Scenic Rivers  
Free Flowing Rivers USE Wild Rivers  
National Wild and Scenic Rivers  
Scenic Rivers UF Float Rivers  
Wild Rivers UF Free Flowing Rivers

Roads

BT Administrative Developments  
Touring and Exploring Facilities

NT Access Roads

-Parkways

-Scenic Roads

Roads and Bridges

BT Historic Resources

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Roadside Developments

BT Touring and Exploring Facilities

Rockfish

BT Saltwater Fish

Rockhounding

BT Collecting

Roller Skating

BT Skating

Roller Skating Rinks

BT Skating Rinks

Round Dancing

BT Dancing

Rowboats

BT Boats

Rowing

BT Boating

Rugby

BT Ball Games

Rural Areas

BT Places of Residence

Rural Recreation

SN Recreation opportunities, services, and programs conducted for inhabitants of open country and of unincorporated places of approximately 2,500 or less. (M&S , p 18)

BT Recreation Settings

Safety

BT Personnel Management for Visitors and Staff

NT -First Aid

-Health and Safety Guidelines

Injuries

-Insurance

Liability

Negligence

Safety Codes

Safety Equipment

Safety Procedures

Ski Patrols

-Water Safety

**Safety Codes**

BT Safety

**Safety Equipment**

BT Safety

**Safety Procedures**

BT Safety

**Sailboats**

BT Boats

**Sailfish**

BT Saltwater Fish

**Sailing**

BT Boating

**Sails**

BT Boating Equipment

**Salaries**

BT Staff

**Sales**

BT Contract Rights

**Sales Taxes USE Excise Taxes**

BT Taxes

**Salmon**

BT Anadromous Fish

**Salt Water Fishing**

BT Fishing

**Saltwater Fish**

BT Fish

NT Bluefish

Rockfish

Sailfish

Swordfish

**Salvage Values**BT Economic Analysis UF Economic Studies  
Valuation of Intangible Benefits**Sampling Methods USE Sampling Techniques**

BT Statistical Techniques

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Sampling Techniques UF Sampling Methods  
BT Statistical Techniques

Sands  
BT Soil Textures

Sanitary Engineering  
BT Engineering

Sanitation  
BT Environmental Health  
NT -Sanitation Systems

Sanitation Systems  
BT Administrative Developments  
Sanitation  
Utilities  
NT Comfort Stations USE Restrooms  
Restrooms UF Comfort Stations; Toilets  
Toilets USE Restrooms

Satiety Principle  
BT Demand Theory

Satisfaction Maximization  
BT Maximization

Satisfaction of Needs UF Self-Fulfillment  
BT Criteria Selection  
Effects on Users and Society  
Experience  
Justification for Plans  
Psychological Values

Sawmills  
BT Historic Resources

Scale Economies  
BT Cost Analysis

Scarcity of Resources USE Quantity of Resources  
BT Resource Characteristics

Scenic Areas  
BT Touring and Exploring Facilities

Scenic Easements  
BT Easements

**Scenic Railways**

BT Touring and Exploring Facilities

**Scenic Rivers UF Float Rivers**

BT Rivers

**Scenic Roads**

BT Roads

NT Overlooks

Wayside Areas

**School Camping**

BT Camping

**School Recreation**

BT Recreation Settings

**Schools**

BT Historic Resources

**Scientific Method USE Research Process**

BT Research

Research Methods UF Methodology

Sources of Information UF Reference Materials

**Scientific Sites**

BT Historical and Cultural Resources

NT -Natural Areas

**Scientific Values**

BT Human Values

**Scooters**

BT Outdoor Play Equipment

**Scuba Diving**

BT Diving

**Scuba Gear**

BT Water Sports Equipment

**Sculpture**

BT Arts and Crafts

Fine Arts

**Seals**

BT Marine Mammals

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Seashores USE Shorelines

BT Water Resources

Seasonal Accommodations

BT Lodgings UF Accommodations

Seasonal Employment

BT Employment Opportunities

Seasonal Recreation

BT Recreation Settings

Seasons

BT Climate

NT Autumn

Spring

Summer

Winter

Second Homes USE Vacation Homes

BT Lodgings UF Accommodations

Secondary Benefits

BT Benefit Types

Secondary Costs

BT Cost Types

Secondary Education

BT Educational Levels

Secondary Schools

BT Media for Education

Secondary Uses UF Subordinant Uses

BT Multiple Use Management

Sedimentation

BT Water Quality Control

Seesaws

BT Outdoor Play Equipment

Selection of Best Alternatives

BT Alternative Resource Uses

Selection of Information

BT Design Process

Research Process UF Scientific Method

Selection of Objectives

- BT Design Process
- Planning Analysis
- Policy-Making Process
- Research Process UF Scientific Method

Self-Fulfillment USE Satisfaction of Needs

- BT Psychological Values

Seminars USE Workshop Conferences; Short Courses

- BT Media for Education

Senior Citizens USE Aged

- BT User Types

Senior Park Caretakers

- BT Maintenance Personnel

Senior Recreation Leaders

- BT Leadership Personnel

Separable Benefits

- BT Benefit Types

Separable Costs

- BT Cost Types

Sexes

- BT User Characteristics

Shooting Equipment

- BT Marksmanship Equipment
- NT Archery Equipment
- Firearms
- Skeet and Trap Equipment
- Targets

Shooting Ranges

- BT Marksmanship Facilities

Shopping Centers

- BT Visitor Service Facilities

Shore Birds

- BT Birds

Shorelines UF Coastlines; Lakeshores; Riparian Lands; Seashores

- BT Water Resources

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Short Courses UF Seminars  
BT Media for Education

Short-Run Benefits  
BT Benefit Types  
NT Annual Benefits

Short-Run Costs  
BT Cost Types  
NT Annual Costs

Short-Run Revenues  
BT Revenues  
NT Annual Revenues

Short-Term Plans  
BT Comprehensive Outdoor Recreation Plans USE Outdoor Recreation Plans

Short-Term Touring  
BT Touring UF Excursions; Sightseeing; Tourism

Shot-Putting  
BT Track and Field Sports

Show Rings  
BT Spectator Facilities

Shrubs  
BT Vegetation

Shuffleboard  
BT Marksmanship

Shuffleboard Courts  
BT Marksmanship Facilities

Shuffleboard Equipment  
BT Marksmanship Equipment

Shuttlecocks  
BT Ballgame Equipment

Sightseeing USE Touring  
BT Touring and Exploring

Signs  
SN Excludes advertising.



BT Administrative Developments  
Interpretive Facilities  
Touring and Exploring Facilities

Silts

BT Soil Textures

Single Use

BT Philosophies of Resource Use

Sink Holes

BT Geological Resources

Sinking Funds

BT Financing

Site Design

BT Design Types

Site Planning

BT Planning Areas

Site Plans

BT Comprehensive Outdoor Recreation Plans USE Outdoor Recreation Plans

Site Selection

BT Alternative Solutions

NT -Potential Recreational Opportunities

-Suitability of Resources

Sites

SN A tract of land within a recreation area designated for a particular activity. (P, p 297)

BT Potential Recreational Opportunities

Skateboarding

BT Skating

Skateboards

BT Outdoor Play Equipment

Skates

BT Outdoor Play Equipment

Skating

BT Vehicular Activities

NT Ice Skating

Roller Skating

Skateboarding

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Skating Rinks

- BT Vehicular Facilities
- NT Ice Skating Rinks
- Roller Skating Rinks

Skeet and Trap Equipment

- BT Shooting Equipment

Skeet and Trap Shooting

- BT Marksmanship

Sketch Plans USE Preliminary Plans

- BT Comprehensive Outdoor Recreation Plans USE Outdoor Recreation Plans

Ski Jumping

- BT Snow Skiing

Ski Jumps

- BT Winter Sports Facilities

Ski Lifts and Tows

- BT Winter Sports Facilities

Ski Lodges USE Lodges

- BT Lodgings UF Accommodations

Ski Patrol Buildings

- BT Winter Sports Facilities

Ski Patrols

- BT Safety

Ski Slopes

- BT Winter Sports Facilities

Skiing Trails

- BT Winter Sports Facilities

Skin Diving

- BT Diving

Sky Diving USE Parachuting

- BT Vehicular Activities

Slalom Skiing

- BT Snow Skiing

Sledding

- BT Winter Sports
- NT Bobsledding

Sleds

- BT Winter Sports Equipment

Sleeping Bags

- BT Camping Equipment

Sleigh Riding

- BT Winter Sports

Sleighs

- BT Winter Sports Equipment

Slides

- BT Outdoor Play Equipment

Smog USE Air Pollution

- BT Climate

Snakebites

- BT First Aid

Snorkeling

- BT Diving

Snorkels

- BT Water Sports Equipment

Snow

- BT Climate

Snow Ski Equipment

- BT Winter Sports Equipment

Snow Skiing

- BT Winter Sports
- NT Cross-Country Skiing
- Downhill Skiing
- Ski Jumping
- Slalom Skiing

Snowmobile Trails

- BT Winter Sports Facilities

Snowmobiles

- BT Winter Sports Equipment

**Snowmobiling**

BT Winter Sports

**Snowplay Areas**

BT Winter Sports Facilities

**Snowshoeing**

BT Winter Sports

**Snowshoes**

BT Winter Sports Equipment

**Soaring**

BT Flying

**Soccer**

BT Ball Games

**Social Benefits**

BT Benefit Types

**Social Carrying Capacities**

BT Carrying Capacities  
Suitability of Resources

**Social Conditions**

BT Demand  
Factors Affecting Use  
NT Racial and Religious Prejudice

**Social Costs**

SN Undesirable effects on society flowing from any particular action.  
BT Cost Types

**Social Effects**

BT Criteria Selection  
Effects on Users and Society  
NT Moral Effects  
Political Effects

**Social Goals**

BT Management Objectives

**Social Psychology**

BT Social Sciences

**Social Recreation USE Social Activities**

BT Recreation Activities UF Amusements; Play  
Recreation Settings

**Social Sciences**

- BT Knowledge
- NT -Anthropology
  - Archeology
  - Business Administration
  - Demography
  - Economics
  - History
  - Law
  - Law Enforcement
  - Political Science
  - Psychology
  - Public Administration
  - Public Relations
  - Social Psychology
  - Sociology

**Social Values**

- BT Human Values
- NT -Enrichment of Community Living
  - Enrichment of Family Living
  - Enrichment of Personal Living
  - Trends
  - Value Measurement

**Sociology**

- BT Social Sciences

**Softball**

- BT Ball Games

**Softball Diamonds**

- BT Ballgame Facilities

**Soil Bearing Capacities**

- BT Soil Capabilities

**Soil Capabilities**

- BT Soil Characteristics
- NT Soil Bearing Capacities
  - Soil Permeabilities
  - Soil Productivities
  - Soil Stabilities
  - Soil Trafficabilities

**Soil Characteristics**

- BT Soils
- NT -Soil Capabilities
  - Soil Textures

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Soil Conservation

BT Conservation

Soil Permeabilities

BT Soil Capabilities

Soil Pollution

BT Pollution

Soil Productivities

BT Soil Capabilities

Soil Stabilities

BT Soil Capabilities

Soil Textures

BT Soil Characteristics

NT Clays

Gravels

Loams

Sands

Silts

Soil Trafficabilities

BT Soil Capabilities

Soils

BT Earth Sciences

Natural Resources UF Resources; Physiography

NT -Soil Characteristics

Solid Wastes

BT Waste

Song Birds

BT Birds

Sound-and-Light Shows

BT Spectator Events

Sources of Information UF Reference Materials

BT Supporting Information

NT Abstracts

-Administrative Regulations

Atlases

Bibliographies

Biographies

Case Studies

-Classification Systems

- Data Banks
- Definitions
- Dictionaries
- Directories
- Documentation
- Encyclopedias
- Files
- Glosarries
- Handbooks and Manuals
- Indexes
- Information Systems UF Literature Retrieval Services; Retrieval Services
- Legislative Hearings
- Legislative Reports
- Libraries
- Literature Retrieval Service USE Information Systems
- Maps
- Periodicals
- Photographs
- Polls USE Surveys
- Proceedings of Meetings
- Registrations
- Reports
- Research
- Retrieval Services USE Information Systems
- Scientific Method USE Research Process
- Special Collections
- Speeches
- Studies
- Surveys UF Polls; Interviews; Questionnaires
- Thesauri

#### Sources of Law

- BT Laws and Legal Procedures
- NT -Administrative Regulations
- Constitutions
- Executive Orders
- International Treaties and Agreements
- Judicial Decisions
- Statutes and Ordinances
- Treaties and International Agreements

Spatial Distributions USE Geographical Distributions

- BT Location

Spatial Interactions

- BT Location

Special Collections

- BT Sources of Information UF Reference Materials

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Special Districts

BT Local Governments

Special Interest Groups UF Pressure Groups

BT Approval of Plans  
Criteria Selection  
Decision-Making  
Policy-Making Process  
User Types

Special-District Regulations

BT Administrative Regulations

Specialized Recreation Leaders

BT Leadership Personnel

Specialized Recreation Supervisors

BT Supervisory Personnel

Specifications

BT Construction Plans

Spectator Events

BT Recreation Activities UF Amusements; Play  
NT -Animal Shows  
Exhibitions UF Fairs; Festivals; Pageants  
Fairs USE Exhibitions  
-Festivals USE Exhibitions  
Pageants USE Exhibitions  
Parades  
-Photography  
-Racing  
Sound-and-Light Shows  
Team Sports

Spectator Facilities

BT Recreational Facilities  
NT Arenas  
-Athletic Fields  
Fairs  
Racetracks  
Show Rings

Speculation USE Escalation of Costs

BT Indirect Economic Impacts

Speech

BT Communications



Speeches

BT Sources of Information UF Reference Materials

Spelunking

BT Exploring

Sporting Goods Industry

BT Indirect Economic Impacts

Sporting Goods Stores

BT Hunting and Fishing Facilities

Sports Cars

BT Automobiles

Sports Instruction USE Coaching

BT Media for Education

Spray Pools

BT Pools

Spring

BT Seasons

Springs

BT Water Resources

NT Hot Springs

Square Dancing

BT Dancing

Squash

BT Ball Games

Squirrels

BT Mammals

Staff

BT Personnel Management for Visitors and Staff

NT Career Standards

-Education

Job Analyses

Job Descriptions

Job Surveys

Management Leadership

Merit Systems

Promotion of Personnel

Recruitment

Salaries

Staff Qualifications

Supervision

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**Staff Qualifications**

BT Staff

**Staff Recreation Specialists**

BT Supervisory Personnel

**Standard Metropolitan Statistical Areas**

BT Local Governments  
Statistical Techniques

**Standards of Living**

SN Conditions of life to which an individual or society aspires.

BT User Characteristics

**Starvation**

BT Carrying Capacities

**State Areas**

BT Administrative Units

NT State Forests

State Parks

**State Fish and Game Agencies USE State Wildlife Agencies**

BT State Governments

**State Forest Agencies**

BT State Governments

**State Forests**

BT Forests (Administrative Units)

State Areas

**State Governments**

BT Public Agencies

NT State Fish and Game Agencies USE State Wildlife Agencies

State Forest Agencies

State Park Agencies

State Recreation Agencies

State Tourist Agencies

State Wildlife Agencies

**State Grants**

BT Grant Programs

**State Park Agencies**

BT State Governments

## State Parks

- BT Parks
- State Areas

## State Planning

- BT Planning Areas

## State Recreation Agencies

- BT State Governments

## State Statutes

- BT Statutes and Ordinances

## State Tourist Agencies

- BT State Governments

## State Wildlife Agencies

- BT State Governments

## Statistical Techniques

- BT Research Methods UF Methodology
- NT Estimation Techniques
  - Measurement Units
  - Prediction Techniques
  - Sampling Methods USE Sampling Techniques
  - Sampling Techniques UF Sampling Methods
  - Standard Metropolitan Statistical Areas
  - Survey Techniques
  - Valuation Techniques

## Statutes and Ordinances

- BT Legislation
- Sources of Law
- NT Federal Statutes
- Foreign National and Provincial Legislation
- Local Ordinances
- State Statutes

## Steam Engines

- BT Historic Resources

## Stocks UF Equity Capital

- BT Capital Sources

## Stones

- BT Geological Resources

## Storms

- BT Climate

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Stoves   USE Fireplaces and Grills  
      BT   Outdoor Living Facilities

Streams  
      BT   Water Resources

Structural Design  
      BT   Design Types

Student Park Employees  
      BT   Trainee Personnel

Student Recreation Leaders  
      BT   Trainee Personnel

Studies  
      BT   Sources of Information   UF Reference Materials

Subordinant Uses   USE Secondary Uses  
      BT   Multiple Use Management

Subprofessional Education  
      BT   Education

Subprofessional Personnel  
      BT   Personnel

Substitutibility of Resources  
      BT   Resource Characteristics

Substitutable Activities  
      BT   Substitution Effects

Substitutable Resources  
      BT   Substitution Effects

Substitution Among Activities  
      BT   Demand

Substitution Effects  
      BT   Demand Theory  
          Economic Analysis   UF Economic Studies  
      NT   Substitutable Activities  
          Substitutable Goods  
          Substitutable Resources

Suburbs  
      BT   Places of Residence

**Suitability of Resources**

- BT Implementation of Plans
  - Potential Recreational Opportunities
  - Resource Engineering
  - Site Selection
  - Supply of Recreational Opportunities
- NT Accessibility
  - Attraction Indexes
  - Carrying Capacities
  - Condition of Resources
  - Crowding
  - Development Opportunities
  - Landscape Analysis
  - Quality of Resources
  - Quantity of Resources
  - Social Carrying Capacities
  - Uniqueness of Resources
  - Variety

**Summer**

- BT Seasons

**Sunk Costs**

- BT Cost Types

**Sunshine**

- BT Climate

**Superlative Areas**

- BT Natural Areas

**Supervision**

- BT Staff

**Supervisory Personnel**

- BT Personnel
- NT District Recreation Supervisors
  - Park Foremen
  - Park Rangers
  - Park Superintendents
  - Specialized Recreation Supervisors
  - Staff Recreation Specialists

**Supplies**

- SN Expendable materials used in the pursuit of recreation experiences or in administration of recreation opportunities.
- BT Resource Management UF Environmental Design; Land Management

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**Supply of Capital**

BT Capital Costs

**Supply of Recreational Opportunities**

SN Amount of recreation facilities or natural resources, either potentially or currently available as opportunities for outdoor recreation activities.

BT Factors Affecting Use

Outdoor Recreation Resources and Facilities  
Recreational Opportunities

NT -Carrying Capacities

Classifications of Resources

-Designed Capacities

Inventories

-Suitability of Resources

-Surveys

**Supporting Enterprises**

SN Businesses supplying goods or services to operators of recreation developments or visitor service developments.

BT Commercial Enterprises UF Businesses; Free Enterprise  
Indirect Economic Impacts

NT Credit Travel Services

**Supporting Information**

NT -Education

-Research

-Research Methods UF Methodology

-Sources of Information UF Reference Materials

**Surfboards**

BT Water Sports Equipment

**Surfing**

BT Water Sports UF Aquatic Sports

**Surplus Military Lands**

BT Military Lands

**Survey Techniques**

BT Statistical Techniques

**Surveys UF Polls; Interviews; Questionnaires**

BT Sources of Information

Supply of Recreational Opportunities

Wildlife Management UF Game Management

NT Interviews USE Surveys

Market Surveys UF Preference Surveys

Preference Surveys USE Market Surveys  
Questionnaires USE Surveys  
Transportation Surveys

Survival

SN Biological concern related to resource deterioration.  
BT Conservation

Survival Education

BT Education

Sustained Yield

BT Conservation

Swamps USE Wetlands

BT Water Resources

Swimming

BT Water Sports UF Aquatic Sports

Swimming Beaches

BT Water Sports Facilities

Swimming Pools

BT Pools

Swings

BT Outdoor Play Equipment

Swordfish

BT Saltwater Fish

Synthesis of Information

BT Design Process

Systems Analysis

BT Analytical Techniques

Tables

BT Outdoor Living Facilities

Tagging

BT Wildlife Management UF Game Management

Tangible Benefits

BT Benefit Types

NT Monetary Benefits

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**Tangible Costs**

BT Cost Types

**Target Ranges**

BT Marksmanship Facilities

**Target Shooting**

BT Marksmanship

**Targets**

BT Shooting Equipment

**Taverns**

BT Historic Resources

**Tax Legislation**

BT Purposes of Legislation

**Tax Liability**

BT Legal Liability

**Taxes**

BT Direct Economic Impacts

Expenditures by Users

Financing

Operating Costs

NT Business Taxes

Capital Gains Taxes

Excise Taxes UF Sales Taxes

Income Taxes

Motorboat Fuel Taxes USE Excise Taxes

Payments in Lieu of Taxes

Property Taxes

Recreation Taxes

Sales Taxes USE Excise Taxes

**Teachers USE Educators**

BT Educational Personnel

**Team Sports**

BT Ball Games

Spectator Events

Track and Field Sports

Winter Sports

**Technical Assistance Programs**

BT Administrative Programs



**Technical Feasibility**

BT Feasibility

**Technology**

BT Conservation

Resource Management UF Environmental Design; Land Management

**Teenagers**

BT User Types

**Teleferiques USE Tramways and Lifts**

BT Touring and Exploring Facilities

**Television**

BT Interpretive Facilities

**Temperature**

BT Climate

**Tennis**

BT Ball Games

**Tent Spaces**

BT Campgrounds

**Tent Trailers**

BT Trailers

**Tents**

BT Camping Equipment

Outdoor Living Equipment

**Tests of Alternative Solutions**

BT Research Process UF Scientific Method

**Tether Ball**

BT Ball Games

**Theaters**

BT Cultural Resources

**Theme Villages**

BT Historic Areas and Sites

**Therapeutic Recreation**

BT Benefits

Recreation Settings

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**Thermal Pollution**

BT Pollution  
Water Quality Control

**Thesauri**

BT Sources of Information UF Reference Materials

**Tickets and Ticketing**

BT Travel Agencies

**Timber Production**

BT Forest Management

**Time of Participation**

BT Use Characteristics  
NT Holidays  
Vacations  
Weekdays  
Weekends

**Timing**

BT Implementation of Plans

**Timing of Use**

BT Demand

**Toboggan Runs**

BT Winter Sports Facilities

**Tobogganing**

BT Winter Sports

**Toboggans**

BT Winter Sports Equipment

**Toilets USE Restrooms**

BT Sanitation Systems

**Topographic Maps**

BT Maps

**Topography**

BT Natural Beauty

**Tort Claims**

BT Legal Procedures and Remedies

**Tort Liability**

BT Legal Liability

## Total Benefits

BT Benefit Types

## Total Costs

BT Cost Types

## Total Revenues

BT Revenues

## Tour Fees

BT Fees UF User Charges

## Tour Guides

BT Touring and Exploring Facilities

## Touring UF Excursions; Sightseeing; Tourism

BT Touring and Exploring

NT Domestic Touring

Factory and Industrial Tours

Foreign Touring

Fully Inclusive Tours

Short-Term Touring

Vacation Touring

## Touring and Exploring

BT Recreation Activities UF Amusements; Play

NT Auto Touring

Boat Cruising

Excursions USE Touring

-Exploring

Horseback Riding

Mountain Climbing

Oceanic Travelling USE Boat Cruising

Sightseeing USE Touring

-Touring UF Excursions; Sightseeing; Tourism

-Travelling

-Trip Planning

Trips

-Vehicular Activities

-Walking

## Touring and Exploring Facilities

BT Recreational Facilities

NT -Airports UF Airfields

Bridle Trails

Cruise Boats and Ships

-Highways UF Expressways; Freeways

-Historic Areas and Sites

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- Inclined Railways USE Tramways and Lifts
- Lookout Towers USE Observation Towers
- Observation Towers UF Lookout Towers
- Overlooks
- Riding Stables
- Roads
  - Roadside Developments
  - Scenic Areas
  - Scenic Railways
  - Signs
  - Teleferiques USE Tramways and Lifts
  - Tour Guides
  - Trail Markers
- Trails
  - Trailside Shelters
  - Tramways and Lifts UF Inclined Railways; Lifts; Teleferiques
  - Vista Towers USE Observation Towers
  - Wayside Areas

- Touring Equipment
  - BT Equipment for Outdoor Recreation
  - NT Alpine Equipment
- Trailers
  - Truck-Campers

- Tourism USE Touring
  - BT Recreation Activities UF Amusements; Play

- Tourist Courts USE Motels
  - BT Lodgings UF Accommodations

- Tourist Promotional Organizations
  - BT Organizations

- Tourist Trade
  - BT Expenditures by Users
  - Indirect Economic Impacts

- Tourists UF Travellers
  - BT User Types

- Tournaments UF Athletic Competitions
  - BT Cultural Resources
  - NT Olympic Games

- Townscape
  - BT Enrichment of Community Living
  - Urban Areas

**Townships**

BT Local Governments

**Track and Field Equipment**

BT Equipment for Outdoor Recreation

NT Athletic Equipment

**Track and Field Facilities**

BT Recreational Facilities

**Track and Field Sports**

BT Recreation Activities UF Amusements; Play

NT Broad Jumping

Cross Country Racing

Dashing

Discus Throwing

Hammer Throwing

High Jumping

Hurdle Racing

Javelin Throwing

Jogging

Pole Vaulting

Relay Racing

Shot-Putting

Team Sports

Weight Throwing

**Trade Associations**

BT Organizations

**Trading Posts**

BT Historic Resources

**Traditions**

BT National Heritage

**Trail Bikes**

BT Cycling Equipment

**Trail Markers**

BT Touring and Exploring Facilities

**Trailer Camps**

BT Campgrounds

NT Trailer Spaces

**Trailer Spaces**

BT Trailer Camps

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**Trailers**

- BT Camping Equipment
- Touring Equipment
- NT Mobile Homes
- Tent Trailers
- Travel Trailers

**Trails**

- BT Touring and Exploring Facilities
- NT Bicycle Trails
- Bridle Trails
- Canoe Trails
- Foot Trails
- Historic Trails
- Motorbike Trails
- Portage Trails

**Trailside Shelters**

- BT Touring and Exploring Facilities

**Trainee Personnel**

- BT Personnel
- NT Park Interns
- Recreation Interns
- Student Park Employees
- Student Recreation Leaders

**Trainers USE Coaches**

- BT Recreation Leaders

**Training and Education Programs**

- BT Administrative Programs

**Training Centers**

- BT Administrative Structures
- Media for Education

**Tramways and Lifts UF Inclined Railways; Lifts; Teleferiques**

- BT Touring and Exploring Facilities
- Transportation Services

**Tranquility**

- BT Environmental Quality

**Transient Camping**

- BT Camping

Transportation

BT Location

Transportation Expenditures

BT Expenditures by Users

Transportation Fares

BT Fees

Transportation Plans

BT Comprehensive Outdoor Recreation Plans USE Outdoor Recreation Plans

Transportation Services

BT Visitor Service Facilities

NT Airlines

Auto Service Stations

Baggage Handling Facilities

Bridges

Buses

Charter Cruises

Charter Flights

Credit Travel Services

Ferries

Garages

Harbors UF Ports

Helicopters

Mass Transit Systems

Monorails

Parking Areas

Ports USE Harbors

Railroads

Rental Autos

Tranways and Lifts

Transportation Surveys

BT Surveys UF Polls; Interviews; Questionnaires

Trapping

BT Hunting and Fishing

Travel Agencies

BT Trip Planning

Visitor Service Facilities

NT Reservation Services

Tickets and Ticketing

Travel Films

BT Promotion and Marketing UF Publicity

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Travel Organizations  
BT Organizations

Travel Trailers  
BT Trailers

Traveler's Checks  
BT Financing

Travelers USE Tourists  
BT User Types

Travelling  
SN Transportation occasioned by pursuits other than recreation.  
BT Touring and Exploring  
NT Air Travelling

Treaties and International Agreements  
BT Sources of Law

Trees  
BT Vegetation  
NT Deciduous Trees  
Evergreen Trees

Trends  
BT Demand  
Factors Affecting Use  
Historical Foundations  
Social Values  
User Types

Tribunals  
BT Litigation

Trip Planning  
BT Touring and Exploring  
NT Equipment Selection  
-Travel Agencies

Trips  
BT Touring and Exploring

Trout  
BT Freshwater Fish

Truck-Campers  
BT Touring Equipment



Trust Deeds

BT Acquisition of Land

Turfs

BT Vegetation

Turkey

BT Game Birds

Twentieth Century History

BT Historical Foundations

U. S. Government

BT Public Agencies

Undergraduate Study

BT Media for Education

Underwater Photography

BT Photography

Unique Areas

BT Natural Areas

Uniqueness of Resources

BT Suitability of Resources

Units of Use

BT Use Records

NT Activity Occasion

Duration of Experience

Recreation Days USE Visitor Days

User Days USE Visitor Days

User Trips

Visits

Visitor Days UF Recreation Days; User Days

Universities

BT Media for Education

Upland Birds

BT Birds

Urban Areas

BT Historical and Cultural Resources

NT Greenbelts

Open Space

Townscape

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Urban Planning

BT Planning Areas

Urban Recreation

BT Recreation Settings

Urbanization

BT Population Distribution

Use UF Attendance

BT Demand Predictions

Use Characteristics

BT Recreation Use UF Attendance

NT Recreation Activities

-Recreation Settings

-Time of Participation

Use Estimates

BT Recreation Use UF Attendance

NT Estimation Techniques

Use Predictions

BT Recreation Use UF Attendance

NT Prediction Techniques

Use Records

BT Recreation Use UF Attendance

NT -Units of Use

User Benefits

BT Benefit Types

User Characteristics

BT Demand

Demand Predictions

Needs

Planning Analysis

Population Characteristics

Recreation Activities, Equipment, Users

NT Ages

Attitudes

-Cultures

Desires USE Wants

Deterrents to Recreation

Educational Backgrounds

Employable Skills

Ethnic Groups

Family Compositions  
 Human Races  
 -Human Values  
 Leisure  
 Levels of Living  
 Mobility  
 Motivation  
 Needs for Recreation  
 Occupations  
 Participants USE Users  
 Participation Rates  
 Personal Incomes  
 -Places of Residence  
 -Population Characteristics  
 Psychological Factors  
 Recreation Skills  
 References  
 Religions  
 Sexes  
 Standards of Living  
 Users UF Passengers; Participants  
 Wants UF Desires

User Charges USE Fees  
 BT Fees UF User Charges

User Days USE Visitor Days  
 BT Measurement Units  
 Units of Use

User Fees  
 BT Fees

User Trips  
 BT Measurement Units  
 Units of Use

User Types  
 BT Needs  
 Recreation Activities, Equipment, Users  
 NT Adults  
 Aged UF Elderly; Retired; Senior Citizens  
 Disabled Persons USE Handicapped Persons  
 Elderly USE Aged  
 Elementary School Children  
 Guests USE Users  
 Handicapped Persons UF Disabled  
 Ill Persons  
 Industrial Employees  
 Local Residents  
 Military Personnel

- Minority Groups
- Non-Local Residents
- Passengers USE Users
- Preschool Children
- Recreationists USE Users
- Retired USE Aged
- Senior Citizens USE Aged
- Special Interest Groups
- Teenagers
- Tourists UF Travelers
- Travelers USE Tourists
- Trends
- Users UF Passengers; Guests; Recreationists
- Young Adults
- Youth

Users UF Passengers; Participants; Recreationists; Guests

- BT Demand Predictions
- Destructive Factors
- Horizontal Economic Impacts
- User Characteristics
- User Types
- Vertical Economic Impacts

#### Utilities

- BT Visitor Service Facilities
- NT Power Systems
- Sanitation Systems
- Waste Disposal Facilities
- Water Supply Facilities

#### Utility

- BT Economic Analysis UF Economic Studies
- Philosophies of Resource Use

#### Utility Costs

- BT Operating Costs

#### Utility Easements

- BT Easements

#### Utilization

- BT Philosophies of Resource Use

#### Vacation Farms USE Farms

- BT Lodgings UF Accommodations
- Outdoor Living Facilities

Vacation Homes UF Second Homes  
BT Lodgings UF Accommodations

Vacation Touring  
BT Touring UF Excursions; Sightseeing; Tourism

Vacations  
BT Time of Participation

Vacationscape  
SN The range of an area's natural, cultural, and historic amenities that provide recreation opportunities during vacations.  
BT Natural Beauty

Valleys  
BT Geological Resources

Valuation of Intangible Benefits  
BT Valuation Techniques  
NT Market Values  
Salvage Values  
Valuation of Recreation

Valuation of Recreation  
BT Benefits to Individuals  
Valuation of Intangible Benefits

Valuation of Tangible Benefits  
BT Valuation of Techniques  
NT Appraisals  
Condemnation Values  
Income Capitalization  
Returns on Investment  
Value of Products

Valuation Techniques  
BT Economic Valuation  
Statistical Techniques  
NT -Experience  
Indices  
Needs for Recreation  
Pleasure  
-Valuation of Intangible Benefits  
-Valuation of Tangible Benefits

Value Estimates  
BT Acquisition of Land

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Value Measurement

BT Social Values  
NT -Experience

Value of Products

BT Valuation of Tangible Benefits

Value Product

BT Economic Analysis UF Economic Studies

Value Product

BT Economic Analysis UF Economic Studies

Vandalism

SN Behavior that is damaging to resources or developments.  
BT Adverse Uses UF Misuses

Variable Costs

BT Cost Types

Variable Revenues

BT Revenues

Variety

BT Suitability of Resources

Vegetation

BT Natural Resources UF Resources; Physiography  
NT Algae  
Cacti  
Ferns  
Flowers  
Forests (Tree Communities)  
Grasses  
Ground Covers  
Herbs  
Lichens  
Mosses  
Ranges (Plant Communities)  
Shrubs  
-Trees  
Turfs

Vehicle Trips

BT Measurement Units

Vehicles

BT Vehicular Sports Equipment

Vehicular Activities

- BT Recreation Activities UF Amusements; Play  
Touring and Exploring
- NT -Boating
- Cycling
- Driving for Pleasure
- Flying
- Kite Flying
- Parachuting
- Racing
- Skating
- Sky Diving USE Parachuting

Vehicular Facilities

- BT Recreational Facilities
- NT -Skating Rinks

Vehicular Sports Equipment

- BT Equipment for Outdoor Recreation
- NT Airplanes
- Automobiles
- Cycling Equipment
- Gliders
- Horses
- Parachutes
- Riding Equipment
- Vehicles

Vertical Economic Impacts

- BT Chain of Economic Impacts
- NT Distribution of Goods
- Manufacturers
- Primary Industries
- Users
- Wholesalers of Goods

Vest Pocket Parks

- BT Municipal Parks

Visitor Centers

- BT Interpretive Facilities

Visitor Days Ur Recreation Days; User Days

- BT Measurement Units
- Units of Use

Visitor Desires

- BT Criteria for Policies

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Visitor Education

BT Interpretation

Visitor Regulation

BT Personnel Management for Visitors and Staff

NT Group Work

Law Enforcement

Passports and Visas

Personal Licenses

Personal Permits

Rationing of Use

Visitor Service Centers UF Information Centers

BT Interpretation

Visitor Service Facilities

Visitor Service Developments

BT Horizontal Economic Impacts

Visitor Service Facilities

BT Outdoor Recreation Resources and Facilities

Recreation Enterprises UF Recreation Businesses

NT Accommodations USE Lodgings

Chambers of Commerce

Combination Buildings

Communications Services

Drugstores UF Pharmacies

Food Services UF Restaurants; Catering; Food Service Production

Foreign Currency Exchanges

Gateway Buildings

Grocery Stores

Guide Services

Hospitals

Information Centers USE Visitor Service Centers

Laundries

Litter Receptacles

National Tourist Offices

Outfitters

Pharmacies USE Drugstores

Post Offices

Restaurants USE Food Services

Shopping Centers

-Transportation Services

-Travel Agencies

-Utilities

Visitor Service Centers

Visitor-Oriented Recreation

BT Recreation Settings



Visits

BT Measurement Units  
Units of Use

Vista Points

BT Geological Resources

Vista Towers USE Observation Towers

BT Touring and Exploring Facilities

Volcanoes

BT Geological Resources

Vista Towers USE Observation Towers

BT Touring and Exploring Facilities

Volcanoes

BT Geological Resources

Volleyball

BT Ball Games

Volleyball Courts

BT Ballgame Facilities

Volunteers

BT Personnel

Wading

BT Water Sports UF Aquatic Sports

Wading Pools

BT Pools

Wagon and Stage Roads

BT Historic Resources

Waiting Costs

BT Development Costs

Walking

BT Touring and Exploring

NT - Hiking

Nature Walking

Walrus

BT Marine Mammals

Wants UF Desires

SN A conscious response to subconsciously-held needs and to external influences such as advertising.

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BT Demand  
User Characteristics

Waste

BT Resource Management UF Environmental Design; Land Management  
NT Solid Wastes

Waste Disposal Facilities

BT Utilities

Water Law

BT Water Management

Water Level Manipulation

BT Watershed Management

Water Levels

BT Water Management

Water Management

BT Resource Management UF Environmental Design; Land Management  
NT Evaporation  
Navigation  
Water Law  
Water Levels  
-Water Quality  
Water Resource Development  
Water Transfer  
Water Use

Water Pollution

BT Pollution

Water Polo

BT Water Sports UF Aquatic Sports

Water Purification

BT Water Quality Control

Water Quality

BT Water Management  
NT -Water Quality Control

Water Quality Control

BT Water Quality  
NT Acid Mine Drainage  
Desalination  
Eutrophication

- Pollution Abatement
- Radioactive Materials
- Sedimentation
- Thermal Pollution
- Water Purification
- Water Quality Standards
- Water Re-Use

- Water Quality Standards
  - BT Water Quality Control

- Water Re-Use
  - BT Water Quality Control

- Water Resource Development
  - BT Water Management

#### Water Resources

- BT Destructive Factors
  - Natural Resources UF Resources; Physiography
- NT Bathing Beaches USE Beaches
  - Beaches UF Bathing Beaches
  - Boating Waters
  - Bogs USE Wetlands
  - Canals
  - Cascades USE Rapids
  - Coastlines USE Shorelines
  - Dams
  - Estuaries
  - Lagoons
  - Lakes
  - Lakeshores USE Shorelines
  - Marshes USE Wetlands
  - Oceans and Seas
  - Ponds
  - Rapids UF Cascades; Whitewater
  - Reservoirs
  - Riparian Lands USE Shorelines
  - River Basins
  - Rivers
    - Seashores USE Shorelines
    - Shorelines UF Coastlines; Lakeshores; Riparian Lands; Seashores
  - Springs
  - Streams
  - Swamps USE Wetlands
  - Waterfalls
  - Wetlands UF Bogs; Marshes; Swamps
  - Whitewater USE Rapids

Water Safety

- BT Safety
- NT Lifeguards

Water Ski Equipment

- BT Water Sports Equipment

Water Skiing

- BT Water Sports UF Aquatic Sports

Water Sports UF Aquatic Sports

- BT Recreation Activities UF Amusements; Play
- NT Boat Racing
  - Boating
  - Diving
  - Marine Activities USE Water Sports
  - Rapids Running
  - River Touring
  - Surfing
  - Swimming
  - Wading
  - Water Polo
  - Water Skiing

Water Sports Equipment

- BT Equipment for Outdoor Recreation
- NT -Boating Equipment
  - Scuba Gear
  - Snorkels
  - Surfboards
  - Water Ski Equipment

Water Sports Facilities

- BT Recreational Facilities
- NT Bathhouses
  - Beaches
  - Boat Docks
  - Boat Launching Ramps
  - Boathouses
  - Boating Sites
  - Docks and Piers UF Wharfs
  - Floats
  - Impoundments
  - Marinas
  - Piers
  - Pools
  - Rafts
  - Swimming Beaches
  - Wharfs USE Docks and Piers

Water Supply Facilities  
BT Utilities

Water Supply Systems  
BT Administrative Developments

Water Transfer  
BT Water Management

Waterfalls  
BT Water Resources

Waterfowl  
BT Birds  
Migratory Birds  
NT Ducks  
Geese

Watershed Forests  
BT Forests (Administrative Units)

Watershed Management  
BT Resource Management UF Environmental Design; Land Management  
NT Erosion Control  
Flood Control  
Hydrology  
Impoundments  
Power Development  
Water Level Manipulation

Watersheds  
BT River Basins

Wayside Areas  
BT Scenic Roads  
Touring and Exploring Facilities

Weather  
BT Climate

Weather Modification  
BT Resource Management UF Environmental Design; Land Management

Weekdays  
BT Time of Participation

Weekends  
BT Time of Participation

Weight Throwing  
BT Track and Field Sports

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Welfare

BT Institutions of Society

Welfare Economics

BT Economic Resource Allocation

Wetlands UF Bogs; Marshes; Swamps

BT Water Resources

Whales

BT Marine Mammals

Wharfs USE Docks and Piers

BT Water Sports Facilities

Whitewater USE Rapids

BT Water Resources

Wholesalers of Goods

BT Vertical Economic Impacts

Wild River Manipulation

BT Resource Engineering

Wild Rivers UF Free Flowing Rivers

BT Rivers

Wildcats

BT Mammals

Wilderness Areas UF Back-Country; Primitive Areas

BT Administrative Units

Natural Areas

Natural Areas

NT National Wilderness System

Wildlife UF Game

BT Animals

Wildlife Areas

BT Administrative Units

NT National Wildlife Refuges

Wildlife Refuges UF Bird Sanctuaries; Refuges

Wildlife Management UF Game Management

BT Biological Sciences

Resource Management UF Environmental Design; Land Management

- NT Bounties
  - Browsing
  - Carrying Capacities
  - Habitat Management
  - Hunting Seasons
  - Predator Control
  - Propagation
  - Surveys
  - Tagging
  - Wildlife Stocking

Wildlife Refuges UF Bird Sanctuaries; Refuges

- BT Nature Study Facilities
- Wildlife Areas

Wildlife Stocking

- BT Wildlife Management UF Game Management

Willingness to Pay

- BT Financing

Wind

- BT Climate

Winter

- BT Seasons

Winter Resorts

- BT Winter Sports Facilities

Winter Sports

- BT Recreation Activities UF Amusements; Play

- NT Curling

- Ice Boating

- Ice Fishing

- Ice Hockey

- Ice Skating

- Sledding

- Sleigh Riding

- Snow Skiing

- Snowmobiling

- Snowshoeing

- Team Sports

- Tobogganing

Winter Sports Equipment

- BT Equipment for Outdoor Recreation

- NT Curling Equipment

- Ice Hockey Equipment
- Iceboats
- Sleds
- Sleighs
- Snow Ski Equipment
- Snowmobiles
- Snowshoes
- Toboggans

Winter Sports Facilities

- BT Recreational Facilities
- NT Bobsled Runs
- Ski Jumps
- Ski Lifts and Tows
- Ski Patrol Buildings
- Ski Slopes
- Skiing Trails
- Snowmobile Trails
- Snowplay Areas
- Toboggan Runs
- Winter Resorts
- Winter Sports Sites

Winter Sports Sites

- BT Winter Sports Facilities

Wolves

- BT Mammals

Woodcocks

- BT Game Birds

Work

- BT Institutions of Society

Workshop Buildings

- BT Administrative Structures

Workshop Conferences UF Seminars

- BT Media for Education

World Ecosystem

- BT Ecosystems

Yachting

- BT Boating



Yachts

BT Boats

Yearlong Accommodations

BT Lodgings UF Accommodations

Yearlong Employment

BT Employment Opportunities

Young Adults

SN Individuals from 20 to 30 years of age.

BT User Types

Youth

SN Individuals from 5 years through 20 years of age.

Youth Camps USE Group Camps

BT Lodgings UF Accommodations

Zoning

BT Control of Resource Uses

Resource Uses

NT General Outdoor Recreation Areas

High Density Recreation Areas

Historic and Cultural Sites

Natural Environment Areas

Outstanding Natural Areas

Primitive Areas USE Wilderness Areas

Zoning Regulations

BT Administrative Regulations

Zoology

BT Biological Sciences

Zoos

BT Interpretive Facilities

Nature Study Facilities

THESAURUS OF OUTDOOR RECREATION TERMS

Alphabetical Listing

Ability to Pay  
Abstracts  
Access Roads  
Accessibility  
Accessibility of Opportunities  
Accessibility of Resources  
Accident Prevention  
Accidents  
Accommodation Expenditures  
Accommodations USE Lodgings  
Accreditation  
Acid Mine Drainage  
Acquisition Costs  
Acquisition of Land  
Activities  
Activity Occasions  
Adirondack Shelters  
Adjudication Procedures  
Administration  
Administrative Developments  
Administrative Functions and Levels  
Administrative Personnel  
Administrative Procedures  
Administrative Programs  
Administrative Regulations  
Administrative Structures  
Administrative Structures and Developments  
Administrative Units  
Adults  
Adverse Uses UF Misuses  
Advertising  
Advertising Costs  
Advisory Committees  
Aerial Photographs  
Aesthetic Satisfaction  
Aesthetic Values  
Aesthetics  
Aesthetics vs Utility  
Affluence  
Aged UF Elderly; Retired; Senior Citizens  
Ages  
Air Pollution UF Smog  
Air Racing  
Air Rights  
Air Travelling  
Airfields USE Airports  
Airlines  
Airplanes  
Airports UF Airfields  
Algae  
Allocation of Resources  
Allocation of Responsibilities  
Alpine Equipment

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Alternative Resource Uses  
Alternative Solutions  
Amenities  
American History  
Amount of Benefits  
Amphitheaters USE Outdoor Theaters  
Amusement Parks  
Amusements USE Recreation Activities  
Anadromous Fish  
Analytical Techniques  
Animal Pathology  
Animal Shows  
Animals  
Annual Benefits  
Annual Costs  
Annual Revenues  
Antelopes  
Anthropology  
Antique Cars  
Appellate Procedures  
Applied Arts  
Appraisals  
Appreciation  
Appropriate Use  
Appropriations  
Approval of Plans  
Aquariums  
Aquatic Plant Control  
Aquatic Sports USE Water Sports  
Arboretums  
Archeological Resources  
Archeology  
Archery  
Archery Courses  
Archery Equipment  
Area Boundaries  
Area Design  
Area Development USE Economic Development  
Area Planning  
Area Selection  
Area Types  
Areal Distributions USE Geographical Distributions  
Arenas  
Art Equipment  
Art Museums and Galleries  
Artifacts  
Artistic Activities UF Creative Recreation  
Artistic Facilities  
Arts and Crafts  
Assets  
Athletic Competitions USE Tournaments  
Athletic Equipment

Athletic Fields  
Atlases  
Attendance USE Recreation Use  
Attitudes  
Attraction Development Base  
Attraction Indexes  
Auto Racing  
Auto Service Stations  
Auto Touring  
Automobiles  
Autumn  
Avalanches  
Average Benefits  
Average Costs  
Average Revenues  
Awareness  
Back-Country USE Wilderness Areas  
Backpacking  
Badminton Courts  
Baggage Handling Facilities  
Balance of Design  
Balance of Nature  
Balanced Rocks  
Ball Games  
Ballet  
Ballgame Equipment  
Ballgame Facilities  
Ballroom Dancing  
Balls  
Bandstands  
Barbecues USE Fireplaces and Grills  
Barracks  
Base Camps  
Baseball  
Baseball Diamonds  
Basketball  
Basketball Courts  
Baskets  
Bass  
Bathhouses  
Bathing Beaches USE Beaches  
Bats  
Battlefields  
Beachcombing  
Beaches UF Bathing Beaches  
Bears  
Beautification  
Beneficial Uses  
Benefit Allocations  
Benefit Analysis  
Benefit Comparisons  
Benefit Determinations

Benefit Estimations  
Benefit Predictions  
Benefit Types  
Benefit-Cost Analysis   UF Cost-Benefit Analysis  
Benefits  
Benefits to Individuals  
Benefits to Society  
Benefits to Society vs to Individuals  
Bibliographies  
Bicycle Racing  
Bicycle Trails  
Bicycles  
Bicycling  
Bighorn Sheep  
Billboards   USE Outdoor Advertising  
Biographies  
Biological Magnification  
Biological Sciences  
Biotic Extinction   USE Extermination  
Bird Sanctuaries   USE Wildlife Refuges  
Bird Watching  
Birds  
Birth Control   USE Population Limitation  
Blacksmith Shops  
Bluefish  
Boards or Commissions  
Boat Cruising  
Boat Docks  
Boat Launching Ramps  
Boat Motors  
Boat Racing  
Boat Rentals  
Boathouses  
Boating  
Boating Equipment  
Boating Sites  
Boating Waters  
Boats  
Bobsled Runs  
Bobsledding  
Boccie Ball  
Bogs   USE Wetlands  
Bonds  
Boroughs  
Botany  
Bounties  
Bow Hunting  
Bowling Greens  
Break-Even Point  
Bridges  
e Trails  
Jumping

Browsing  
Budget  
Budgeting  
Building Departments  
Bureaucracy  
Burial Grounds and Graves  
Buses  
Business Administration  
Business Cycles  
Business Offices  
Business Taxes  
Businesses USE Commercial Enterprises  
Cacti  
Cameras  
Camper Vehicles  
Campfire Cooking  
Campgrounds  
Camping  
Camping Areas  
Camping Equipment  
Camping Space UF Family Units  
Canals  
Canoe Trails  
Canoeing  
Canoes  
Canyons  
Capacity Standards  
Capital  
Capital Costs  
Capital Gains Taxes  
Capital Improvements  
Capital Sources  
Capitalization  
Capitalization Rates  
Capitalized Values  
Captains Ball  
Career Standards  
Carrying Capacities  
Cascades USE Rapids  
Case Studies  
Cash UF Money  
Cash Flow  
Castle Rocks  
Catfish  
Caves  
Cemeteries and Graves  
Certification  
Chain of Economic Impacts  
Chambers of Commerce  
Charter Cruises  
Charter Flights  
Chorography

Church Recreation  
Churches  
Churches and Church Groups  
Cities UF Municipalities  
Citizen Responsibilities  
City Planning  
Civil Engineering  
Civil Rights  
Clamming  
Classification Systems  
Classifications of Resources  
Clays  
Clerical Personnel  
Climate  
Clothing Expenditures  
Clout Shooting  
Clubhouses  
Cluster Developments  
Coaches UF Trainers  
Coastlines USE Shorelines  
Codeball-on-the-Green  
Coding  
Coke and Charcoal Kilns  
Collateral  
Collecting  
Collecting Equipment  
Collecting Plants  
Collecting Wildlife  
College Education USE Higher Education  
Colleges and Universities  
Colonies USE Recreation Communities  
Color  
Combination Buildings  
Comfort Factors  
Comfort Stations USE Restrooms  
Commercial Enterprises UF Businesses; Free Enterprise  
Commercial Recreation  
Communication Media  
Communications  
Communications Services  
Community Gains USE Indirect Economic Impacts  
Community Organizations  
Community Recreation  
Compatible Resource Uses  
Compensation  
Competing Resource Uses  
Competition Among Resource Uses  
Complementarity  
Complementary Resource Uses  
Composition  
Comprehensive Outdoor Recreation Plans USE Outdoor Recreation Plans  
Comprehensive Plans UF Comprehensive Outdoor Recreation



Computer Programming  
Computer Science  
Concepts  
Conceptualization  
Concessions  
Conclusions  
Condemnation USE Eminent Domain  
Condemnation Values  
Condition of Resources  
Conflict Resolution  
Congestion USE Crowding  
Congresses and Conventions USE Meetings and Conferences  
Conservation  
Conservation Education USE Environmental Education  
Conservation Programs  
Constitutions  
Constitutions and Organic Acts  
Construction  
Construction Contractors  
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Rental Cabins UF Cottages  
Rental Receipts  
Repayment UF Reimbursement  
Replacement Costs  
Report Writing  
Reports  
Research  
Research Ideas  
Research Methods UF Methodology  
Research Organizations  
Research Planning  
Research Plans  
Research Process UF Scientific Method  
Research Programs  
Research Projects  
Research Proposals  
Research Results  
Reservation Services  
Reservoir Recreation Areas  
Reservoirs  
Residence Sites  
Resident Camping  
Resorts UF Spas  
Resource Capabilities  
Resource Characteristics  
Resource Descriptions  
Resource Engineering  
Resource Management UF Environmental Design; Land Management  
Resource Management Programs  
Resource Mix  
Resource Types  
Resource Use Philosophies  
Resources Uses  
Resource-Oriented Recreation  
Resources USE Natural Resources; Historical and Cultural Resources  
Responsibility Designations  
Restaurants USE Food Services  
Storage USE Rehabilitation of Resources  
Strooms UF Comfort Stations; Toilets  
Tired USE Aged



Retrieval Services USE Information Systems  
Returns on Investment  
Returns to Scale  
Revenue Sources  
Revenues UF Receipts  
Riding Equipment  
Riding Stables  
Rights of Way  
Rights to Sue  
Riparian Lands USE Shorelines  
Riparian Rights  
Risk  
River Basin Planning USE Regional Planning  
River Basins  
River Touring  
Rivers  
Roads  
Roads and Bridges  
Roadside Developments  
Rockfish  
Rockhounding  
Roller Skating  
Roller Skating Rinks  
Round Dancing  
Rowboats  
Rowing  
Rugby  
Rural Areas  
Rural Recreation  
Safety  
Safety Codes  
Safety Equipment  
Safety Procedures  
Sailboats  
Sailfish  
Sailing  
Sails  
Salaries  
Sales  
Sales Taxes USE Excise Taxes  
Salmon  
Salt Water Fishing  
Saltwater Fish  
Salvage Values  
Sampling Methods USE Sampling Techniques  
Sampling Techniques UF Sampling Methods  
Sands  
Sanitary Engineering  
Sanitation  
- tation Systems  
- ty Principle

Satisfaction Maximization  
Satisfaction of Needs UF Self-Fulfillment  
Sawmills  
Scale Economies  
Scarcity of Resources USE Quantity of Resources  
Scenic Areas  
Scenic Easements  
Scenic Railways  
Scenic Rivers UF Float Rivers  
Scenic Roads  
School Camping  
School Recreation  
Schools  
Scientific Method USE Research Process  
Scientific Sites  
Scientific Values  
Scooters  
Scuba Diving  
Scuba Gear  
Sculpture  
Seals  
Seashores USE Shorelines  
Seasonal Accommodations  
Seasonal Employment  
Seasonal Recreation  
Seasons  
Second Homes USE Vacation Homes  
Secondary Benefits  
Secondary Costs  
Secondary Education  
Secondary Schools  
Secondary Uses UF Subordinant Uses  
Sedimentation  
Seesaws  
Selection of Best Alternative  
Selection of Information  
Selection of Objectives  
Self-Fulfillment USE Satisfaction of Needs  
Seminars USE Workshop Conferences; Short Courses  
Senior Citizens USE Aged  
Senior Park Caretakers  
Senior Recreation Leaders  
Separable Benefits  
Separable Costs  
Sexes  
Shooting Equipment  
Shooting Ranges  
Shopping Centers  
Shore Birds  
Shorelines UF Coastlines; Lakeshores; Riparian Lands; Seashores  
Short Courses UF Seminars

Short-Run Benefits  
Short-Run Costs  
Short-Run Revenues  
Short-Term Plans  
Short-Term Touring  
Shot-Putting  
Show Rings  
Shrubs  
Shuffleboard  
Shuffleboard Courts  
Shuffleboard Equipment  
Shuttlecocks  
Sightseeing USE Touring  
Signs  
Silts  
Single Use  
Sink Holes  
Sinking Funds  
Site Design  
Site Planning  
Site Plans  
Site Selection  
Sites  
Skateboarding  
Skateboards  
Skates  
Skating  
Skating Rinks  
Skeet and Trap Equipment  
Skeet and Trap Shooting  
Sketch Plans USE Preliminary Plans  
Ski Jumping  
Ski Jumps  
Ski Lifts and Tows  
Ski Lodges USE Lodges  
Ski Patrol Buildings  
Ski Patrols  
Ski Slopes  
Skiing Trails  
Skin Diving  
Sky Diving USE Parachuting  
Slalom Skiing  
Sledding  
Sleds  
Sleeping Bags  
Sleigh Riding  
Sleighs  
Slides  
Smog USE Air Pollution  
Snakebites  
Snorkeling  
Snorkels

Snow  
Snow Ski Equipment  
Snow Skiing  
Snowmobile Trails  
Snowmobiles  
Snowmobiling  
Snowplay Areas  
Snowshoeing  
Snowshoes  
Soaring  
Soccer  
Social Benefits  
Social Carrying Capacities  
Social Conditions  
Social Costs  
Social Effects  
Social Goals  
Social Psychology  
Social Recreation USE Social Activities  
Social Sciences  
Social Values  
Sociology  
Softball  
Softball Diamonds  
Soil Bearing Capacities  
Soil Capabilities  
Soil Characteristics  
Soil Conservation  
Soil Permeabilities  
Soil Pollution  
Soil Productivities  
Soil Stabilities  
Soil Textures  
Soil Trafficabilities  
Soils  
Solid Wastes  
Song Birds  
Sound-and-Light Shows  
Sources of Information UF Reference Materials  
Sources of Law  
Spatial Distributions USE Geographical Distributions  
Spatial Interactions  
Special Collections  
Special Districts  
Special Interest Groups UF Pressure Groups  
Special-District Regulations  
Specialized Recreation Leaders  
Specialized Recreation Supervisors  
Specifications  
Spectator Events  
Spectator Facilities

Speculation USE Escalation of Costs  
 Speech  
 Speeches  
 Spelunking  
 Sporting Goods Industry  
 Sporting Goods Stores  
 Sports Cars  
 Sports Instruction USE Coaching  
 Spray Pools  
 Spring  
 Springs  
 Square Dancing  
 Squash  
 Squirrels  
 Staff  
 Staff Qualifications  
 Staff Recreation Specialists  
 Standard Metropolitan Statistical Areas  
 Standards of Living  
 Starvation  
 State Areas  
 State Fish and Game Agencies USE State Wildlife Agencies  
 State Forest Agencies  
 State Forests  
 State Governments  
 State Grants  
 State Park Agencies  
 State Parks  
 State Planning  
 State Recreation Agencies  
 State Statutes  
 State Tourist Agencies  
 State Wildlife Agencies  
 Statistical Techniques  
 Statutes and Ordinances  
 Steam Engines  
 Stocks UF Equity Capital  
 Stones  
 Storms  
 Stoves USE Fireplaces and Grills  
 Streams  
 Structural Design  
 Student Park Employees  
 Student Recreation Leaders  
 Studies  
 Subordinant Uses USE Secondary Uses  
 Subprofessional Education  
 Subprofessional Personnel  
 Substitutibility of Resources  
 Substitutable Activities  
 Substitutable Goods

Substitutable Resources  
Substitution Among Activities  
Substitution Effects  
Suburbs  
Suitability of Resources  
Summer  
Sunk Costs  
Sunshine  
Superlative Areas  
Supervision  
Supervisory Personnel  
Supplies  
Supply of Capital  
Supply of Recreational Opportunities  
Supporting Enterprises  
Supporting Information  
Surfboards  
Surfing  
Surplus Military Lands  
Survey Techniques  
Surveys UF Polls; Interviews; Questionnaires  
Survival  
Survival Education  
Sustained Yield  
Swamps USE Wetlands  
Swimming  
Swimming Beaches  
Swimming Pools  
Swings  
Swordfish  
Synthesis of Information  
Systems and Analysis  
Tables  
Tagging  
Tangible Benefits  
Tangible Costs  
Target Ranges  
Target Shooting  
Targets  
Taverns  
Tax Legislation  
Tax Liability  
Taxes  
Teachers USE Educators  
Team Sports  
Technical Assistance Programs  
Technical Feasibility  
Technology  
Teenagers  
Teleferiques USE Tramways and Lifts  
Television  
Temperature  
Tennis

Tent Spaces  
Tent Trailers  
Tents  
Tests of Alternative Solutions  
Tether Ball  
Theaters  
Theme Villages  
Therapeutic Recreation  
Thermal Pollution  
Thesauri  
Tickets and Ticketing  
Timber Production  
Time of Participation  
Timing  
Timing of Use  
Toboggan Runs  
Tobogganing  
Toboggans  
Toilets USE Restrooms  
Topographic Maps  
Topography  
Tort Claims  
Tort Liability  
Total Benefits  
Total Costs  
Total Revenues  
Tour Fees  
Tour Guides  
Touring UF Excursions; Sightseeing; Tourism  
Touring and Exploring  
Touring and Exploring Facilities  
Touring Equipment  
Tourism USE Touring  
Tourist Courts USE Motels  
Tourist Promotional Organizations  
Tourist Trade  
Tourists UF Travelers  
Tournaments UF Athletic Competitions  
Townscape  
Townships  
Track and Field Equipment  
Track and Field Facilities  
Track and Field Sports  
Trade Associations  
Trading Posts  
Traditions  
Trail Bikes  
Trail Markers  
Trailer Camps  
Trailer Spaces  
Trailers  
Trails

Trailside Shelters  
Trainee Personnel  
Trainers USE Coaches  
Training and Education Programs  
Training Centers  
Tramways and Lifts UF Inclined Railways; Lifts; Teleferiques  
Tranquility  
Transient Camping  
Transportation  
Transportation Expenditures  
Transportation Fares  
Transportation Plans  
Transportation Services  
Transportation Surveys  
Trapping  
Travel Agencies  
Travel Films  
Travel Organizations  
Travel Trailers  
Traveler's Checks  
Travelers USE Tourists  
Travelling  
Treaties and International Agreements  
Trees  
Trends  
Tribunals  
Trip Planning  
Trips  
Trout  
Truck-Campers  
Trust Deeds  
Turfs  
Turkey  
Twentieth Century History  
U. S. Government  
Undergraduate Study  
Underwater Photography  
Unique Areas  
Uniqueness of Resources  
Units of Use  
Universities  
Upland Birds  
Urban Areas  
Urban Planning  
Urban Recreation  
Urbanization  
Use Characteristics  
Use Estimates  
Use Predictions  
Use Records  
Use Benefits  
Use Characteristics



User Charges    USE Fees  
User Days    USE Visitor Days  
User Fees  
User Trips  
User Types  
Users    UF Participants; Passengers; Guests; Recreationists  
Utilities  
Utility  
Utility Costs  
Utility Easements  
Utilization  
Vacation Farms    USE Farms  
Vacation Homes    UF Second Homes  
Vacation Touring  
Vacations  
Vacationscape  
Valleys  
Valuation of Intangible Benefits  
Valuation of Recreation  
Valuation of Tangible Benefits  
Valuation Techniques  
Value Estimates  
Value Measurement  
Value of Products  
Value Product  
Vandalism  
Variable Costs  
Variable Revenues  
Variety  
Vegetation  
Vehicle Trips  
Vehicles  
Vehicular Activities  
Vehicular Facilities  
Vehicular Sports Equipment  
Vertical Economic Impacts  
Vest Pocket Parks  
Visitor Centers  
Visitor Days    UF Recreation Days; User Days  
Visitor Desires  
Visitor Education  
Visitor Regulation  
Visitor Service Centers    UF Information Centers  
Visitor Service Developments  
Visitor Service Facilities  
Visitor-Oriented Recreation  
Visits  
Vista Points  
Vista Towers    USE Observation Towers  
Volcanoes  
Volleyball  
Volleyball Courts

Volunteers  
Wading  
Wading Pools  
Wagon and Stage Roads  
Waiting Costs  
Walking  
Walrus  
Wants UF Desires  
Waste  
Waste Disposal Facilities  
Water Law  
Water Level Manipulation  
Water Levels  
Water Management  
Water Pollution  
Water Polo  
Water Purification  
Water Quality  
Water Quality Control  
Water Quality Standards  
Water Re-Use  
Water Resource Development  
Water Resources  
Water Safety  
Water Ski Equipment  
Water Skiing  
Water Sports UF Aquatic Sports  
Water Sports Equipment  
Water Sports Facilities  
Water Supply Facilities  
Water Supply Systems  
Water Transfer  
Water Use  
Waterfalls  
Waterfowl  
Watershed Forests  
Watershed Management  
Watersheds  
Wayside Areas  
Weather  
Weather Modification  
Weekdays  
Weekends  
Weight Throwing  
Welfare  
Welfare Economics  
Wetlands UF Bogs; Marshes; Swamps  
Whales  
Wharfs USE Docks and Piers  
Whitewater USE Rapids  
Wholesalers of Goods  
River Manipulation

Wild Rivers UF Free Flowing Rivers  
Wildcats  
Wilderness Areas UF Back-Country; Primitive Areas  
Wildlife UF Game  
Wildlife Areas  
Wildlife Management UF Game Management  
Wildlife Refuges UF Bird Sanctuaries; Refuges  
Wildlife Stocking  
Willingness to Pay  
Wind  
Winter  
Winter Resorts  
Winter Sports  
Winter Sports Equipment  
Winter Sports Facilities  
Winter Sports Sites  
Wolves  
Woodcocks  
Work  
Workshop Buildings  
Workshop Conferences UF Seminars  
World Ecosystem  
Yachting  
Yachts  
Yearlong Accommodations  
Yearlong Employment  
Young Adults  
Youth  
Youth Camps USE Group Camps  
Zoning  
Zoning Regulations  
Zoology  
Zoos

THESAURUS OF OUTDOOR RECREATION TERMS  
Grouped Arrays, Alphabetical Within Groups

**THESAURUS OF OUTDOOR RECREATION TERMS**  
**Grouped Array, Alphabetical Within Each Group**

Administrative Units	1
Benefits and Valuation	2
Costs of Administration	3
Demand Theory, Demand, and Use	5
Economic Analysis	6
Education	8
Equipment	10
Expenditures, Revenues, and Economic Impact	12
Facilities for Recreation	14
Factors Affecting Use	18
Financing	19
General Administration	20
Historical and Cultural Resources	22
Human Values and Philosophies	23
Identification of Recreational Opportunities	25
Information Sources	25
Laws and Legal Procedures	26
Natural Resources	28
Personnel and Visitor Management	31
Planning and Design	33
Public and Private Entities	37
Recreation Activities	38
Research	43
Resource Management	44
Supporting Facilities	47
User Characteristics	49

## THESAURUS OF OUTDOOR RECREATION TERMS

### Grouped Array, Alphabetical Within Each Group

#### Administration

Financing	19
General Administration	20
Human Values and Philosophies	23
Laws and Legal Procedures	26
Personnel and Visitor Management	31
Planning and Design	33
Public and Private Entities	37
Resource Management	44

#### Economic Aspects

Benefits and Valuation	2
Costs of Administration	3
Economic Analysis	6
Expenditures, Revenues, and Economic Impacts	12

#### Outdoor Recreation Resources and Facilities

Administrative Units	1
Facilities for Recreation	14
Historical and Cultural Resources	22
Identification of Recreational Opportunities	25
Natural Resources	28
Supporting Facilities	47

#### Recreation Activities, Equipment, and Users

Demand Theory, Demand, and Use	5
Equipment	10
Factors Affecting Use	18
Recreation Activities	38
User Characteristics	49

#### Supporting Information

Education	8
Information Sources	25
Research	43

ADMINISTRATIVE UNITS

Administrative Units  
Back-Country USE Wilderness Areas  
Bird Sanctuaries USE Wildlife Refuges  
County Forests  
County Parks  
County Recreation Areas  
Cultural Areas and Sites  
Federal Areas  
Flowage Easement Lands  
Forests (Administrative Units)  
Forts  
General Outdoor Recreation Areas  
High Density Recreation Areas  
Historic and Cultural Sites  
Historic Areas and Sites  
Indian Lands  
Land Utilization Projects  
Military Lands  
Military Reservations  
Municipal Areas  
Municipal Forests  
Municipal Parks  
Municipal Squares  
National Battlefield Parks  
National Battlefield Sites  
National Battlefields  
National Capital Parks  
National Cemeteries  
National Forest Purchase Units  
National Forest System  
National Forests  
National Grasslands  
National Historical Sites  
National Lakeshores  
National Memorials  
National Military Parks  
National Monuments  
National Park System  
National Parks  
National Parkways  
National Recreation Areas  
National Scenic and Recreation Trails  
National Scenic and Wild Rivers  
National Scenic and Wild Rivers System  
National Seashores  
National Wilderness System  
National Wildlife Refuges  
Natural Areas  
Natural Environment Areas

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Neighborhood Parks  
Outstanding Natural Areas  
Parks  
Primitive Areas USE Wilderness Areas  
Private Forests  
Private Parks  
Recreation Areas  
Recreation Communities  
Recreation Districts  
Recreation Resource Classes  
Refuges USE Wildlife Refuges  
Reservoir Recreation Areas  
Reservoirs  
Resorts  
State Areas  
State Forests  
State Parks  
Superlative Areas  
Surplus Military Lands  
Unique Areas  
Vest Pocket Parks  
Watershed Forests  
Wilderness Areas UF Back-Country; Primitive Areas  
Wildlife Areas  
Wildlife Refuges UF Bird Sanctuaries; Refuges

#### BENEFITS AND VALUATION

Amount of Benefits  
Annual Benefits  
Appraisals  
Area Development USE Economic Development  
Average Benefits  
Benefit Allocations  
Benefit Analysis  
Benefit Comparisons  
Benefit Determinations  
Benefit Estimations  
Benefit Predictions  
Benefit Types  
Benefit-Cost Analysis UF Cost-Benefit Analysis  
Benefits  
Benefits to Individuals  
Benefits to Society  
Condemnation Values  
Deferred Benefits  
Direct Benefits  
Economic Development  
Economic Feasibility  
Economic Valuation  
Feasibility Studies



Financial Feasibility  
 Highest and Best Use  
 Income Capitalizations  
 Indirect Benefits  
 Induced Benefits  
 Intangible Benefits  
 Intangible Values  
 Joint Benefits  
 Long-Run Benefits  
 Marginal Benefits  
 Market Values  
 Monetary Benefits  
 Non-Reimbursable Benefits  
 Pricing  
 Primary Benefits  
 Quality Impacts on Benefits  
 Regional Economic Benefits  
 Reimbursable Benefits  
 Returns on Investment  
 Salvage Values  
 Secondary Benefits  
 Separable Benefits  
 Short-Run Benefits  
 Social Benefits  
 Tangible Benefits  
 Total Benefits  
 User Benefits  
 Valuation of Intangible Benefits  
 Valuation of Recreation  
 Valuation of Tangible Benefits  
 Valuation Techniques  
 Value of Products

#### COSTS OF ADMINISTRATION

Acquisition Costs  
 Advertising Costs  
 Annual Costs  
 Average Costs  
 Benefit-Cost Analysis  
 Business Taxes  
 Capital Costs  
 Capital Gains Taxes  
 Capital Improvements  
 Compensation  
 Condemnation Values  
 Construction Costs  
 Contingency Costs  
 Allocations

Cost Analysis  
Cost Comparisons  
Cost Estimates  
Cost Functions  
Cost Types  
Costs of Administration  
Deferred Costs  
Demand for Capital  
Depreciation  
Development Costs  
Direct Costs  
Economic Costs USE Costs of Administration  
Equipment Costs  
Escalation of Costs  
Excise Taxes UF Sales Taxes  
Expenditures by Management  
Fixed Costs  
Income Taxes  
Indirect Costs  
Induced Costs  
Initial Costs USE Investment Costs  
Installation Costs  
Insurance Costs  
Intangible Costs  
Interest  
Investment Costs  
Joint Costs  
Labor Costs USE Personnel Costs  
Land Costs  
Long-Run Costs  
Maintenance Costs  
Marginal Costs  
Marketing and Promotion Costs  
Motorboat Fuel Taxes USE Excise Taxes  
Non-Reimbursable Costs  
Operating Costs  
Opportunity Costs  
Payments in Lieu of Taxes  
Personnel Costs UF Labor Costs  
Planning Costs  
Primary Costs  
Production Costs  
Property Taxes  
Purposes of Costs  
Quality Impacts on Costs  
Recreation Taxes  
Reimbursable Costs  
Rent  
Replacement Costs  
Sales Taxes USE Excise Taxes  
Scale Economies  
Secondary Costs

Separable Costs  
 Short-Run Costs  
 Social Costs  
 Sunk Costs  
 Supply of Capital  
 Tangible Costs  
 Taxes  
 Total Costs  
 Utility Costs  
 Variable Costs  
 Waiting Costs

# DEMAND THEORY, DEMAND, AND USE

Activity Occasions  
 Attendance USE Recreation Use  
 Crowding  
 Demand  
 Demand Estimation  
 Demand Factors USE Factors Affecting Use  
 Demand Predictions UF Demand Projections  
 Demand Projections USE Demand Predictions  
 Demand Theory  
 Desires USE Wants  
 Deterrents to Recreation  
 Duration of Experience  
 Effective Demand  
 Elasticity of Demand  
 Elasticity of Supply  
 Estimation Techniques  
 Experience  
 Factors Affecting Use  
 Future Needs  
 Holidays  
 Latent Demand  
 Leisure Styles  
 Market Studies  
 Motivation  
 Needs for Recreation  
 Peaking in Use  
 Pleasure  
 Prediction Techniques  
 Preferences  
 Recreation Activities  
 Recreation Days USE Visitor Days  
 Recreation Settings  
 Recreation Use UF Attendance  
 Recreational Principle  
 Real Conditions

Substitution Among Activities  
Substitution Effects  
Time of Participation  
Timing of Use  
Trends  
Units of Use  
Use Characteristics  
Use Estimates  
Use Predictions  
Use Records  
User Characteristics  
User Days USE Visitor Days  
User Trips  
Vacations  
Visitor Days UF Recreation Days; User Days  
Visits  
Wants UF Desires  
Weekdays  
Weekends

ECONOMIC ANALYSIS

Accessibility of Resources  
Allocation of Resources  
Benefit-Cost Analysis UF Cost-Benefit Analysis  
Business Cycles  
Capital  
Capitalization  
Competition Among Resource Uses  
Complementarity  
Cost Functions  
Cost-Benefit Analysis USE Benefit-Cost Analysis  
Demand for Resources  
Differentiation of Products  
Diminishing Returns  
Discounting  
Disinvestment  
Diversified Products  
Driving Time  
Economic Analysis UF Economic Studies  
Economic Aspects  
Economic Base  
Economic Competition  
Economic Conditions  
Economic Efficiency  
Economic Factors  
Economic Feasibility  
Economic Geography  
Economic Indicators  
Economic Justification

Economic Life  
 Economic Location  
 Economic Opportunity  
 Economic Planning  
 Economic Policies  
 Economic Resource Allocation  
 Economic Resources  
 Exhaustibility of Resources  
 External Economies and Diseconomies  
 Feasibility Studies  
 Financial Analysis  
 Financial Feasibility  
 Flow Resources USE Renewable Resources  
 Fund Resources USE Nonrenewable Resources  
 Highest and Best Use  
 Imperfect Economic Competition  
 Input-Output Analysis  
 Joint Production Analysis  
 Labor  
 Land  
 Least-Cost Resource Allocation  
 Limiting Factors  
 Linear Programming  
 Location Analysis USE Location Theory  
 Location Theory UF Location Analysis  
 Macroeconomics  
 Management Objectives  
 Marginal Analysis  
 Marginal Costs  
 Marginal Physical Products  
 Marginal Rates of Substitution  
 Marginal Revenues  
 Marginal Utility  
 Market Conditions  
 Market Price Determination  
 Market Prices  
 Market Surveys  
 Maximization  
 Maximum-Value Resource Allocation  
 Microeconomics  
 Mobility of Resources  
 Monopolistic Competition  
 Monopoly  
 Multiple Use  
 Nonrenewable Resources  
 Oligopoly  
 Operations Research  
 Perfect Economic Competition  
 Philosophies of Resource Use  
 Physical Product  
 Policies of Management

Political Resource Allocation  
Pricing  
Product Distribution  
Profit Maximization  
Proportionality  
Proration  
Pure Monopoly  
Quality of Resources  
Quantity of Resources UF Scarcity of Resources  
Renewable Resources  
Resource Characteristics  
Resource Mix  
Resource Types  
Returns to Scale  
Salvage Values  
Satisfaction Maximization  
Scarcity of Resources USE Quantity of Resources  
Social Goals  
Substitutibility of Resources  
Substitutable Activities  
Substitutable Goods  
Substitutable Resources  
Substitution Effects  
Utility  
Value Product  
Welfare Economics

#### EDUCATION

Accreditation  
Aesthetics  
Anthropology  
Applied Arts  
Archeology  
Biological Sciences  
Botany  
Business Administration  
Certification  
City Planning  
Civil Engineering  
College Education USE Higher Education  
Colleges and Universities  
Communications  
Composition  
Computer Science  
Concepts  
Conflict Resolution  
Conservation  
Conservation Education USE Environmental Education

Curricula  
 Dancing  
 Decision Theory  
 Demography  
 Demonstration Areas  
 Drama  
 Earth Sciences  
 Ecology  
 Economics  
 Education  
 Educational Administrators  
 Educational Equipment  
 Educational Levels  
 Educational Personnel  
 Educators UF Teachers; Professors  
 Engineering  
 Environmental Education UF Conservation Education; Outdoor Education  
 Environmental Engineering  
 Ethnology  
 Extension Courses  
 Field Trips  
 Fine Arts  
 Forestry  
 Geography  
 Geology  
 Graduate Study  
 Group Work  
 Health  
 Higher Education UF College Education  
 History  
 Human Geography  
 Hydraulic Engineering  
 In-Service Training  
 Information Theory  
 Integrative Disciplines  
 Interpretation  
 Interpretive Facilities  
 Knowledge  
 Landscape Architecture  
 Law  
 Law Enforcement  
 Management Science  
 Media for Education  
 Medical Sciences  
 Meetings and Conferences  
 Motivation  
 Music  
 Oceanography  
 Outdoor Education USE Environmental Education  
 Painting  
 Performing Arts

Physical Education  
Political Science  
Primary Education  
Primary Schools  
Professional Accreditation USE Accreditation  
Professional Education  
Professors USE Educators  
Psychiatry  
Psychology  
Public Administration  
Public Relations  
Recreation Schools  
Recreation Theory  
Reference Materials USE Sources of Information  
Regional Planning  
Report Writing  
Sanitary Engineering  
Sculpture  
Secondary Education  
Secondary Schools  
Seminars USE Workshop Conferences; Short Courses  
Short Courses UF Seminars  
Social Psychology  
Social Sciences  
Sociology  
Soils  
Speech  
Sports Instruction USE Coaching  
Subprofessional Education  
Survival Education  
Teachers USE Educators  
Training Centers  
Undergraduate Study  
Universities  
Wildlife Management  
Workshop Conferences UF Seminars  
Zoology

#### EQUIPMENT

Airplanes  
Alpine Equipment  
Antique Cars  
Archery Equipment  
Art Equipment  
Athletic Equipment  
Automobiles  
Ballgame Equipment  
Balls  
Baskets



Bats  
Bicycles  
Boat Motors  
Boating Equipment  
Boats  
Cameras  
Camper Vehicles  
Camping Equipment  
Canoes  
Collecting Equipment  
Curling Equipment  
Cycling Equipment  
Equipment for Outdoor Recreation  
Films for Photography  
Firearms  
Fishing Equipment  
Game Equipment  
Gardening Equipment  
Gliders  
Gloves  
Goalposts  
Golf Equipment  
Horses  
Horseshoe Equipment  
Houseboats  
Hunting and Fishing Equipment  
Hunting Equipment  
Ice Hockey Equipment  
Iceboats  
Kayaks  
Mallets  
Marksmanship Equipment  
Mobile Homes  
Motor Scooters  
Motorbikes  
Motorboats  
Motorcycles  
Nature Books  
Nature Study Equipment  
Nets  
Oars and Paddles  
Outdoor Furniture  
Outdoor Lights  
Outdoor Living Equipment  
Outdoor Play Equipment  
Parachutes  
Photographic Equipment  
Playground Equipment USE Outdoor Play Equipment  
Racing Boats  
Racing Cars  
Racing Equipment  
Racing Equipment

Rowboats  
Sailboats  
Sails  
Scooters  
Scuba Gear  
Seesaws  
Shooting Equipment  
Shuffleboard Equipment  
Shuttlecocks  
Skateboards  
Skates  
Skeet and Trap Equipment  
Sleds  
Sleeping Bags  
Sleighs  
Slides  
Snorkels  
Snow Ski Equipment  
Snowmobiles  
Snowshoes  
Sports Cars  
Surfboards  
Swings  
Targets  
Tent Trailers  
Tents  
Toboggans  
Touring Equipment  
Track and Field Equipment  
Trail Bikes  
Trailers  
Travel Trailers  
Truck-Campers  
Vehicles  
Vehicular Sports Equipment  
Water Ski Equipment  
Water Sports Equipment  
Winter Sports Equipment  
Yachts

EXPENDITURES, REVENUES, AND ECONOMIC IMPACT

Accommodation Expenditures  
Annual Revenues  
Average Revenues  
Benefits to Individuals  
Benefits to Society  
Boat Rentals  
Chain of Economic Impacts  
Other Expenditures

Community Gains USE Indirect Economic Impacts  
Deferred Revenues  
Direct Economic Impacts  
Distribution of Goods  
Economic Impacts  
Economic Leakage  
Economic Multipliers  
Economic Studies USE Economic Analysis  
Employment Opportunities  
Entrance Fees  
Equipment Expenditures  
Escalation of Costs  
Expenditures by Users  
Fees UF User Charges  
Financial Opportunities  
Fixed Revenues  
Food Expenditures  
Grazing Fees  
Gross Profits  
Gross Revenues  
Guide Fees  
Horizontal Economic Impacts  
Indirect Economic Impacts  
Inter-Regional Impacts  
Intra-Regional Impacts  
Land Value Appreciation  
Long-Run Revenues  
Manufacturers  
Marginal Revenues  
Membership Fees  
Migratory Bird Hunting Stamps  
Net Profits  
Net Revenues  
Personal Incomes  
Primary Industries  
Private Properties  
Profits UF Rates of Return  
Property Values  
Public Agencies  
Rates of Return USE Profits  
Receipts USE Revenues  
Recreation Leases  
Regional Development  
Revenues UF Receipts  
Seasonal Employment  
Short-Run Revenues  
Speculation USE Escalation of Costs  
Sporting Goods Industry  
Supporting Enterprises  
Taxes

Total Revenues  
Tour Fees  
Tourist Trade  
Transportation Expenditures  
User Charges USE Fees  
Users  
Valuation of Recreation  
Variable Revenues  
Vertical Economic Impacts  
Visitor Service Developments  
Wholesalers of Goods  
Yearlong Employment

FACILITIES FOR RECREATION

Access Roads  
Accommodations USE Lodgings  
Adirondack Shelters  
Airfields USE Airports  
Airports UF Airfields  
Amphitheaters USE Outdoor Theaters  
Amusement Parks  
Aquariums  
Arboretums  
Archery Courses  
Arenas  
Art Museums and Galleries  
Artistic Facilities  
Athletic Fields  
Badminton Courts  
Ballgame Facilities  
Bandstands  
Barbecues USE Fireplaces and Grills  
Base Camps  
Baseball Diamonds  
Basketball Courts  
Bathhouses  
Beaches  
Bicycle Trails  
Boat Docks  
Boat Launching Ramps  
Boathouses  
Boating Sites  
Bobsled Runs  
Bowling Greens  
Bridle Trails  
Campgrounds  
Camping Areas  
Camping Space UF Family Units  
Coe Trails

Clubhouses  
Colonies USE Recreation Communities  
Combination Buildings  
Cottages USE Rental Cabins; Vacation Homes  
Cruise Boats and Ships  
Cultural Centers  
Dance Pavilions  
Day Camps  
Demonstration Areas  
Docks and Piers UF Wharfs  
Duck Blinds  
Dude Ranches  
Exhibits  
Expressways USE Highways  
Fairs  
Family Units USE Camping Space  
Farm Lands USE Farms  
Farms UF Farm Lands; Vacation Farms  
Fireplaces and Grills UF Grills; Stoves  
Fish Hatcheries  
Fishing Lakes UF Fishing Ponds  
Fishing Ponds USE Fishing Lakes  
Floats  
Foot Trails  
Football Fields  
Freeways USE Highways  
Game Farms  
Game Preserves  
Gardens  
Golf Courses  
Golf Driving Ranges  
Grills USE Fireplaces and Grills  
Group Camps UF Organization Camps; Youth Camps  
Guide Services  
Handball Courts  
Highways UF Expressways; Freeways  
Historic Areas and Sites  
Historic Parks and Restorations  
Historic Trails  
Hockey Fields  
Horseshoe Courts  
Hostels  
Hotels  
Hunting and Fishing Facilities  
Hunting Areas  
Hunting Preserves  
Ice Skating Rinks  
Impoundments  
Inclined Railways USE Tramways and Lifts  
Interpretive Facilities  
Interpretive Talks UF Lectures

Kitchen Shelters  
Lectures USE Interpretive Talks  
Lodges UF Ski Lodges  
Lodgings UF Accommodations  
Lookout Towers USE Observation Towers  
Lunch Areas  
Marinas  
Marksmanship Facilities  
Mobile Homes  
Motels UF Tourist Courts  
Motorbike Trails  
Museums  
National Parkways  
Nature Centers  
Nature Study Facilities  
Nature Trails  
Neighborhood Playgrounds  
Observation Towers UF Lookout Towers  
Observatories  
Organization Camps USE Group Camps  
Outdoor Living Facilities  
Outdoor Theaters  
Overflow Campgrounds  
Overlooks  
Parks  
Parkways  
Photographic Essays  
Picnic Shelters  
Picnic Units  
Piers  
Playfields  
Pools  
Portage Trails  
Private Housing  
Racetracks  
Rafts  
Recreation Centers  
Recreation Communities UF Colonies  
Recreational Facilities  
Rental Cabins UF Cottages  
Residence Sites  
Resorts UF Spas  
Riding Stables  
Roads  
Roadside Developments  
Roller Skating Rinks  
Scenic Areas  
Scenic Railways  
Scenic Roads  
Seasonal Accommodations  
Second Homes USE Vacation Homes

Shooting Ranges  
Show Rings  
Shuffleboard Courts  
Signs  
Skating Rinks  
Ski Jumps  
Ski Lifts and Tows  
Ski Lodges USE Lodges  
Ski Patrol Buildings  
Ski Slopes  
Skiing Trails  
Snowmobile Trails  
Snowplay Areas  
Softball Diamonds  
Spectator Facilities  
Sporting Goods Stores  
Spray Pools  
Stoves USE Fireplaces and Grills  
Swimming Beaches  
Swimming Pools  
Tables  
Target Ranges  
Teleferiques USE Tramways and Lifts  
Television  
Tent Spaces  
Theme Villages  
Toboggan Runs  
Tour Guides  
Touring and Exploring Facilities  
Tourist Courts USE Motels  
Track and Field Facilities  
Trail Markers  
Trailer Camps  
Trailer Spaces  
Trails  
Trailside Shelters  
Tramways and Lifts UF Inclined Railways; Lifts; Teleferiques  
Vacation Farms USE Farms  
Vacation Homes UF Second Homes  
Vehicular Facilities  
Visitor Centers  
Vista Towers USE Observation Towers  
Volleyball Courts  
Wading Pools  
Water Sports Facilities  
Wayside Areas  
Wharfs USE Docks and Piers  
Berness Areas  
Life Refuges  
Winter Resorts

Winter Sports Facilities  
Winter Sports Sites  
Yearlong Accommodations  
Youth Camps USE Group Camps  
Zoos

FACTORS AFFECTING USE

Accessibility of Opportunities  
Advertising  
Affluence  
Appreciation  
Areal Distributions USE Geographical Distributions  
Awareness  
Congestion USE Crowding  
Crowding UF Congestion  
Culture  
Driving Time  
Economics  
Education  
Equipment Ownership Ratios  
Factors Affecting Use  
Family and Kinship  
Free Time USE Leisure  
Geographical Distributions UF Areal Distributions; Spatial Distributions  
Government  
High Density Population  
Historical Foundations  
Human Values  
Institutions of Society  
Laws  
Legal Procedures  
Leisure UF Free Time  
Leisure Styles  
Location  
Low Density Population  
Mass Media  
Medium Density Population  
Motivation  
National Heritage  
Ownership of Recreation Opportunities  
Perception  
Philosophical Concepts  
Political Economy  
Politics  
Population Characteristics  
Population Distribution  
Proximity  
Public Relations  
Racial and Religious Prejudice



Recreation  
 Religions  
 Social Conditions  
 Spatial Distributions    USE Geographical Distributions  
 Spatial Interactions  
 Supply of Recreational Opportunities  
 Traditions  
 Transportation  
 Trends  
 Urbanization  
 User Characteristics  
 Welfare  
 Work

### FINANCING

Ability to Pay  
 Acquisition Costs  
 Appropriations  
 Assets  
 Boat Rentals  
 Bonds  
 Break-Even Point  
 Budgeting  
 Capital Costs  
 Capital Sources  
 Capitalization  
 Capitalization Rates  
 Capitalized Values  
 Cash    UF Money  
 Cash Flow  
 Collateral  
 Contingency Costs  
 Cost Recovery    UF Cost Repayment  
 Cost Repayment    USE Cost Recovery  
 Cost Sharing  
 Credit  
 Credit Costs    USE Interest  
 Credit Programs  
 Credit Restrictions  
 Debt  
 Development Costs  
 Entrance Fees  
 Equity Capital    USE Stocks  
 Fees  
 Financial Analysis  
 Financial Assistance Programs  
 Financial Programming  
 Financing

Grant Programs  
Grazing Fees  
Guaranteed Loan Programs  
Guide Fees  
Interest  
Liquid Assets  
Loans  
Migratory Bird Hunting Stamps  
Money USE Cash  
Personal Licenses  
Principal  
Private Capital  
Profits  
Recreation Leases  
Reimbursement USE Repayment  
Rental Receipts  
Repayment UF Reimbursement  
Revenue Sources  
Risk  
Sinking Funds  
Stocks UF Equity Capital  
Taxes  
Tour Fees  
Transportation Fares  
Traveler's Checks  
User Fees  
Willingness to Pay

#### GENERAL ADMINISTRATION

Administration  
Administrative Functions and Levels  
Administrative Programs  
Administrative Regulations  
Advertising  
Aesthetics vs Utility  
Benefits to Society vs to Individuals  
Billboards USE Outdoor Advertising  
Bureaucracy  
Controversial Issues  
Coordination  
Coordination Programs  
Credit Programs  
Criteria  
Criteria Development  
Criteria for Policies  
Criteria Selection  
Decision-Making  
Direct Mail Advertising

Ecological Impacts  
 Economic Impacts  
 Federal Grants  
 Financial Assistance Programs  
 Foundation Grants  
 Grant Programs  
 Health and Safety Guidelines  
 Health Effects  
 Information Programs  
 Intra-Organizational Conflicts  
 Local Residents vs Non-Local Residents  
 Magazine Advertising  
 Management Desires  
 Management Guidelines  
 Management Objectives  
 Market Surveys  
 Marketing Techniques  
 National Tourist Offices  
 Newspaper Advertising  
 Operation and Maintenance  
 Organization Philosophies  
 Outdoor Advertising UF Billboards  
 Policies  
 Policy Implementation  
 Policy Issues  
 Policy Translation  
 Policy-Making Process  
 Power Structure  
 Preference Surveys USE Market Surveys  
 Preservation vs Utilization  
 Problem Identification and Specification  
 Problems of Management  
 Promotion and Marketing UF Publicity  
 Promotional Techniques  
 Public Sector vs Private Sector  
 Publicity Use Promotion and Marketing  
 Quality vs Quantity  
 Recreation Programs  
 Regulatory Programs  
 Research Programs  
 Resource Management Programs  
 Responsibility Designations  
 Satisfaction of Needs  
 Selection of Objectives  
 Social Effects  
 Special Interest Groups  
 State Grants  
 Technical Assistance Programs  
 Training and Education Programs  
 Travel Films  
 Visitor Desires

HISTORICAL AND CULTURAL RESOURCES

American History  
Archeological Resources  
Archeology  
Art Museums and Galleries  
Artifacts  
Arts and Crafts  
Athletic Competitions USE Tournaments  
Barracks  
Battlefields  
Blacksmith Shops  
Burial Grounds and Graves  
Business Offices  
Canals  
Cemeteries and Graves  
Churches  
Coke and Charcoal Kilns  
Covered Bridges  
Cultural Centers  
Cultural Resources  
Cultures  
Eighteenth Century and Earlier History  
Exhibitions UF Fairs; Festivals; Pageants  
Factory and Industrial Tours  
Fairs USE Exhibitions  
Festivals USE Exhibitions  
Forts  
Ghost Towns  
Government Buildings  
Greenbelts  
Historic Parks and Restorations  
Historic Resources  
Historical and Cultural Resources  
Historical Areas and Sites  
Historical Foundations  
Historical Markers  
Homes  
Hotels  
Human Values  
Indian Campsites  
Indian Village Sites  
Libraries  
Local Legends  
Location  
Lumber Camps  
Metropolitan Areas  
Military Reservations

1s

eral Smelters

es

Mining Camps  
 Museums  
 Musical Events  
 National Heritage  
 Natural Areas  
 Nineteenth Century History  
 Olympiad USE Olympic Games  
 Olympic Games  
 Open Space  
 Opera Houses  
 Organizations  
 Pageants USE Exhibitions  
 Petroglyphs and Pictographs  
 Pioneer Farms  
 Pioneer Villages  
 Plays and Melodramas  
 Railroad Beds  
 Railroad Stations  
 Railroad Tunnels  
 Religious Sites  
 Roads and Bridges  
 Sawmills  
 Schools  
 Scientific Sites  
 Steam Engines  
 Taverns  
 Theaters  
 Tournaments UF Athletic Competitions  
 Townscape  
 Trading Posts  
 Trends  
 Twentieth Century History  
 Urban Areas  
 Wagon and Stage Roads

#### HUMAN VALUES AND PHILOSOPHIES

Aesthetic Values  
 Aesthetics  
 Appreciation  
 Beneficial Uses  
 Benefits to Individuals  
 Benefits to Society  
 Citizen Responsibilities  
 Conservation  
 Creative Values  
 USE Narcotics  
 Economic Impacts  
 Educational Values

Effects on Users and Society  
Enrichment of Community Living  
Enrichment of Family Living  
Enrichment of Personal Living  
Environmental Quality  
Ethics  
Excitement  
Experience  
Family Participation  
Health Effects  
Historical Foundations  
Human Values  
Inspirational Values  
Leisure  
Management Attitudes  
Mental Effects  
Mental Health  
Moral Effects  
Moral Values  
Multiple Use  
Narcotics UF Drugs  
Natural Beauty  
Perception of Landscape  
Philosophical Concepts  
Philosophies of Recreation  
Philosophies of Resource Use  
Physical Effects  
Physical Fitness  
Physical Values  
Pleasure  
Political Effects  
Pollution  
Preservation of Resources  
Psychological Values  
Quality of Resources  
Quantity of Resources  
Relaxation  
Renewal of Inner Resources  
Renewal of Personal Resources  
Satisfaction of Needs UF Self-Fulfillment  
Scientific Values  
Self-Fulfillment USE Satisfaction of Needs  
Single Use  
Social Effects  
Social Values  
Townscape  
Tranquillity  
Trends  
Utility  
Utilization  
Value Measurement

### IDENTIFICATION OF RECREATIONAL OPPORTUNITIES

Accessibility  
 Aerial Photographs  
 Attraction Development Base  
 Attraction Indexes  
 Carrying Capacities  
 Classifications of Resources  
 Condition of Resources  
 Designed Capacities  
 Development Opportunities  
 Inventories  
 Landscape Analysis  
 Maps  
 Potential Recreational Opportunities  
 Quality of Resources  
 Quantity of Resources  
 Recreational Resource Analysis USE Suitability of Resources  
 Sites  
 Social Carrying Capacities  
 Suitability of Resources  
 Supply of Recreational Opportunities  
 Surveys  
 Uniqueness of Resources  
 Variety

### INFORMATION SOURCES

Abstracts  
 Administrative Regulations  
 Aerial Photographs  
 Atlases  
 Bibliographies  
 Biographies  
 Case Studies  
 Classification Systems  
 Classifications of Resources  
 Data Banks  
 Definitions  
 Dictionaries  
 Directories  
 Documentation  
 Encyclopedias  
 Files  
 Glossaries  
 Handbooks and Manuals  
 Indexes  
 Information Systems UF Literature Retrieval Services; Retrieval Services  
 views USE Surveys  
 ERIC  
 lative Hearings

Legislative Reports  
Libraries  
Literature Retrieval Service USE Information Systems  
Maps  
Market Surveys UF Preference Surveys  
Periodicals  
Photographs  
Polls USE Surveys  
Preference Surveys USE Market Surveys  
Proceedings of Meetings  
Questionnaires USE Surveys  
Registrations  
Reports  
Research  
Retrieval Services USE Information Systems  
Scientific Method USE Research Process  
Sources of Information UF Reference Materials  
Special Collections  
Speeches  
Studies  
Supporting Information  
Surveys UF Polls; Interviews; Questionnaires  
Thesauri  
Topographic Maps  
Transportation Surveys

LAWS AND LEGAL PROCEDURES

Adjudication Procedures  
Administrative Procedures  
Administrative Regulations  
Air Rights  
Appellate Procedures  
Appropriations  
Civil Rights  
Condemnation USE Eminent Domain  
Constitutions  
Constitutions and Organic Acts  
Contract Administration  
Contract Claims  
Contract Liability  
Contract Rights  
County Ordinances  
Criminal Liability  
Criminal Procedures  
Development Rights  
Drainage Easements  
Easements  
Eminent Domain UF Condemnation  
Employment



Enabling Legislation  
Evidence in Litigations  
Executive Orders  
Federal Statutes  
Fee Rights  
Flooding Easements  
Foreign National and Provincial Legislation  
Insurance  
International Treaties and Agreements  
Judicial Decisions  
Laws and Legal Procedures  
Leases  
Legal Liability  
Legal Procedures and Remedies  
Legal Rights  
Legislation  
Legislative Hearings  
Legislative Procedures  
Legislative Reports  
Legislative Rules  
Licenses and Use Permits  
Litigation  
Local Ordinances  
Municipal Ordinances  
Personal Licenses  
Personal Permits  
Personal Rights  
Personal Services  
Planting Easements  
Probate Proceedings  
Property Rights  
Purposes of Legislation  
Recreation Leases  
Regulatory Legislation  
Rights of Way  
Rights to Sue  
Riparian Rights  
Sales  
Scenic Easements  
Sources of Law  
Special-District Regulations  
State Statutes  
Statutes and Ordinances  
Tax Legislation  
Tax Liability  
Tort Claims  
Tort Liability  
Treaties and International Agreements  
Tribunals  
Utility Easements  
Zoning Regulations

NATURAL RESOURCES

Algae  
Anadromous Fish  
Animals  
Antelopes  
Autumn  
Avalanches  
Balanced Rocks  
Bass  
Bathing Beaches USE Beaches  
Beaches UF Bathing Beaches  
Bears  
Beautification  
Bighorn Sheep  
Birds  
Bluefish  
Boating Waters  
Bogs USE Wetlands  
Cacti  
Canals  
Canyons  
Cascades USE Rapids  
Castle Rocks  
Catfish  
Caves  
Clays  
Climate  
Coastlines USE Shorelines  
Comfort Factors  
Dams  
Deciduous Trees  
Deer  
Deserts  
Doves  
Ducks  
Dunes  
Elk  
Endangered Species  
Environment UF Milieu  
Environmental Quality  
Estuaries  
Evergreen Trees  
Falcons  
Ferns  
Fish  
Fisheries  
Float Rivers USE Scenic Rivers  
Flood Plains  
Flowers  
Flyways  
Fog

Forests (Tree Communities)  
Fossils  
Foxes  
Free Flowing Rivers USE Wild Rivers  
Freshwater Fish  
Game USE Wildlife  
Game Birds  
Geese  
Gems  
Geological Formations  
Geological Resources  
Glacial Remains  
Glaciers  
Grasses  
Gravels  
Ground Covers  
Grouse  
Herbs  
Horses  
Hot Springs  
Injurious Insects UF Mosquitos  
Insects  
Islands  
Lagoons  
Lakes  
Lakeshores USE Shorelines  
Landscape  
Landslides  
Lava Flows  
Lichens  
Loams  
Lynx  
Mammals  
Marine Mammals  
Marshes USE Wetlands  
Migratory Birds  
Milieu USE Environment  
Minerals  
Moose  
Mosquitos USE Injurious Insects  
Mosses  
Mountain Lions  
Mountains  
National Wild and Scenic Rivers  
Natural Beauty  
Natural Bridges and Arches  
Natural Resources UF Resources; Physiography  
Oceans and Seas  
Open Space  
Otters  
Standing Rock Formations

Pheasants  
Physiography USE Natural Resources  
Pike  
Plants USE Vegetation  
Pollution Control  
Ponds  
Predatory Birds  
Quail  
Rabbits  
Raccoons  
Rain  
Ranges (Plant Communities)  
Rapids UF Cascades; Whitewater  
Reservoirs  
Resource Descriptions  
Resources USE Natural Resources; Historical and Cultural  
Riparian Lands USE Shorelines  
River Basins  
Rivers  
Rockfish  
Sailfish  
Salmon  
Saltwater Fish  
Sands  
Scenic Rivers UF Float Rivers  
Seals  
Seashores USE Shorelines  
Seasons  
Shore Birds  
Shorelines UF Coastlines; Lakeshores; Riparian Lands; Seashores  
Shrubs  
Silts  
Sink Holes  
Smog USE Air Pollution  
Snow  
Soil Bearing Capacities  
Soil Capabilities  
Soil Characteristics  
Soil Permeabilities  
Soil Productivities  
Soil Stabilities  
Soil Textures  
Soil Trafficabilities  
Soils  
Song Birds  
Spring  
Springs  
Squirrels  
Stones  
Storms  
Streams

Summer  
 Sunshine  
 Swamps USE Wetlands  
 Swordfish  
 Temperature  
 Topography  
 Trees  
 Trout  
 Turfs  
 Turkey  
 Upland Birds  
 Vacationscape  
 Valleys  
 Vegetation  
 Vista Points  
 Volcanoes  
 Walrus  
 Water Resources  
 Waterfalls  
 Waterfowl  
 Watersheds  
 Weather  
 Wetlands UF Bogs; Marshes; Swamps  
 Whales  
 Whitewater USE Rapids  
 Wild Rivers UF Free Flowing Rivers  
 Wildcats  
 Wildlife UF Game  
 Wind  
 Winter  
 Wolves  
 Woodcocks

#### PERSONNEL AND VISITOR MANAGEMENT

Accident Prevention  
 Accidents  
 Administrative Personnel  
 Adverse Uses UF Misuses  
 Advisory Committees  
 Boards or Commissions  
 Career Standards  
 Clerical Personnel  
 Coaches UF Trainers  
 Communications  
 Congresses and Conventions USE Meetings and Conferences  
 Direct Leadership  
 Directors of Parks  
 Directors of Recreation

Directors of Recreation and Parks  
District Recreation Supervisors  
Education  
Entrepreneurs  
Environmental Health  
First Aid  
Group Work  
Health  
Health and Safety Guidelines  
In-Service Training  
Indirect Leadership  
Information Centers USE Visitor Service Centers  
Injuries  
Innoculations  
Insurance  
Interpretation  
Interpretive Facilities  
Interpretive Specialists UF Naturalists  
Job Analyses  
Job Descriptions  
Job Surveys  
Labor Force  
Law Enforcement  
Leadership Personnel  
Liability  
Liability Insurance  
Lifeguards  
Maintenance Personnel  
Management Leadership  
Meetings and Conferences UF Congresses and Conventions  
Merit Systems  
Misuses USE Adverse Uses  
Naturalists USE Interpretive Specialists  
Negligence  
Nuisances  
Park Caretakers  
Park Foremen  
Park Interns  
Park Rangers  
Park Superintendents  
Passports and Visas  
Personal Licenses  
Personal Permits  
Personnel  
Personnel Management for Visitors and Staff  
Professional Personnel UF Recreators  
Promotion of Personnel  
Public Relations  
Rationing of Use  
Recreation Attendants  
Recreation Interns

Recreation Leaders  
 Recreation Leadership  
 Recreation Programs  
 Recreators USE Professional Personnel  
 Recruitment  
 Safety  
 Safety Codes  
 Safety Equipment  
 Safety Procedures  
 Salaries  
 Sanitation  
 Sanitation Systems  
 Senior Park Caretakers  
 Senior Recreation Leaders  
 Ski Patrols  
 Snakebites  
 Specialized Recreation Leaders  
 Specialized Recreation Supervisors  
 Staff  
 Staff Qualifications  
 Staff Recreation Specialists  
 Student Park Employees  
 Student Recreation Leaders  
 Subprofessional Personnel  
 Supervision  
 Supervisory Personnel  
 Trainee Personnel  
 Trainers USE Coaches  
 Vandalism  
 Visitor Education  
 Visitor Regulation  
 Visitor Service Centers UF Information Centers  
 Volunteers  
 Water Safety

#### PLANNING AND DESIGN

Acquisition of Land  
 Activities  
 Administration  
 Administrative Regulations  
 Administrative Units  
 Aesthetic Satisfaction  
 Aesthetics  
 Allocation of Responsibilities  
 Alternative Solutions  
 Amenities  
 Approval of Plans  
 a Boundaries  
 a Design

Area Planning  
Area Selection  
Area Types  
Attendance USE Recreation Use  
Attraction Indexes  
Balance of Design  
Benefits  
Benefits to Individuals  
Benefits to Society  
Budget  
Building Departments  
Bureaucracy  
Capacity Standards  
Carrying Capacities  
Cluster Developments  
Color  
Communication Media  
Comprehensive Outdoor Recreation Plans USE Outdoor Recreation Plans  
Comprehensive Plans UF Comprehensive Outdoor Recreation Plans  
Conceptualization  
Conclusions  
Construction  
Construction Contractors  
Construction Plans  
Contract Administration  
Contracts  
Control of Resource Uses  
Coordination Among Suppliers  
Coordination of Management  
Coordination of Suppliers  
Coordination of Uses  
Criteria for Alternative Solutions  
Criteria for Planning  
Crowding  
Decision-Making  
Demand  
Demand Predictions  
Design UF Layout  
Design Character  
Design Criteria  
Design Expression  
Design Function UF Functional Design  
Design Imagery  
Design Perception  
Design Process  
Design Standards  
Design Style  
Design Types  
Designed Capacities  
Development Intensity  
Development Process  
Development Quality



Drawings  
Easements  
Economic Efficiency  
Economic Feasibility  
Effects on Resources  
Effects on Users  
Eminent Domain  
Environmental Design USE Planning and Design  
Equipment Ownership Ratios  
Facilities Design  
Facility Planning  
Factors Affecting Use  
Feasibility  
Fee Purchases  
Financial Feasibility  
Financing  
Flexibility of Management  
Focal Points  
Form  
Framing  
Functional Design USE Design Function  
Historic Preservation Plans  
Historical and Cultural Resources  
Ideation  
Implementation of Plans  
Inspections of Construction  
Institutions of Society  
Integration of Utility and Beauty  
Justification for Plans  
Land Description  
Land Use Plans  
Landscape Design  
Laws  
Layout USE Design  
Leases  
Legal Procedures  
Legislation  
Less-Than-Fee Interests  
Line  
Location  
Long-Term Plans USE Master Plans  
Management Guidelines  
Management Objectives  
Master Plans  
Multiple Use Management  
National Planning USE Nationwide Planning  
Nationwide Outdoor Recreation Plan  
Nationwide Planning UF National Planning  
Natural Beauty  
Natural Resources

Non-Conforming Uses  
Objectives of Planned Changes  
Options  
Organization of Design  
Outdoor Recreation Plans UF Comprehensive Outdoor Recreation Plans  
Ownership of Recreation Opportunities  
Participants USE Users  
Philosophies of Resource Use  
Plan Implementation  
Plan Specifications  
Plan Types  
Planned Capacity  
Planning Analysis  
Planning and Design UF Environmental Design  
Planning Areas  
Planning Commissions  
Planning Constraints  
Planning Departments  
Planning Process USE Planning Analysis  
Planning Regions USE Regional Planning  
Planning Standards and Criteria  
Planning Theory  
Political Opportunities  
Political Representation  
Potential Recreational Opportunities  
Power Structure  
Preliminary Plans UF Sketch Plans  
Pressure Groups USE Special Interest Groups  
Priorities  
Problem Identification  
Profit-Making Potential  
Profits  
Promotion and Marketing  
Public Relations  
Purchases and Lease-Back  
Recommendations  
Recreation Activities  
Recreation Complexes  
Recreation Facilities  
Recreation Plans, Comprehensive Plans  
Recreation Settings  
Recreation Use UF Attendance  
Recreational Opportunities  
Regional Planning UF Planning Regions; River Basin Plan  
Regional Plans  
Rehabilitation of Resources  
Repayment  
Resource Capabilities  
Resource Characteristics  
River Basin Planning USE Regional Planning  
Satisfaction of Needs  
Collection of Information

Selection of Objectives  
 Short-Term Plans  
 Site Design  
 Site Planning  
 Site Plans  
 Site Selection  
 Sketch Plans USE Preliminary Plans  
 Social Carrying Capacities  
 Special Interest Groups UF Pressure Groups  
 Specifications  
 State Planning  
 Structural Design  
 Suitability of Resources  
 Supply of Recreational Opportunities  
 Synthesis of Information  
 Technical Feasibility  
 Therapeutic Recreation  
 Timing  
 Transportation Plans  
 Trust Deeds  
 Urban Planning  
 User Characteristics  
 User Types  
 Users UF Participants  
 Value Estimates  
 Zoning

#### PUBLIC AND PRIVATE ENTITIES

Boroughs  
 Businesses USE Commercial Enterprises  
 Churches and Church Groups  
 Cities UF Municipalities  
 Commercial Enterprises UF Businesses; Free Enterprise  
 Community Organizations  
 Concessions  
 Councils of Government  
 Counties  
 Credit Travel Services  
 Educational Institutions  
 Federal Government USE U. S. Government  
 Foreign Governments  
 Foundations  
 Free Enterprise USE Commercial Enterprises  
 Indian Tribes  
 Industries USE Commercial Enterprises; Manufacturers  
 Interagency Cooperation UF Interdepartmental Committees  
 Interdepartmental Committees USE Interagency Cooperation  
 Intergovernmental Affairs

International Cooperation  
Interstate Cooperation  
Local Governments  
Metropolitan Areas  
Metropolitan Authorities  
Municipalities USE Cities  
Non-Profit Corporations  
Non-Profit Organizations  
Non-Recreation Enterprises  
Noncommercial Units  
Organizations  
Private Properties  
Professional Organizations  
Public Agencies  
Public-Private Cooperation  
Quasi-Public Units  
Recreation Businesses USE Recreation Enterprises  
Recreation Enterprises UF Recreation Businesses  
Recreation Facilities  
Research Organizations  
Special Districts  
Standard Metropolitan Statistical Areas  
State Fish and Game Agencies USE State Wildlife Agencies  
State Forest Agencies  
State Governments  
State Park Agencies  
State Recreation Agencies  
State Tourist Agencies  
State Wildlife Agencies  
Supporting Enterprises  
Tourist Promotional Organizations  
Townships  
Trade Associations  
Travel Organizations  
U. S. Government  
Visitor Service Facilities

RECREATION ACTIVITIES

Air Racing  
Air Travelling  
Amusements USE Recreation Activities  
Animal Shows  
Aquatic Sports USE Water Sports  
Archery  
Artistic Activities UF Creative Recreation  
Arts and Crafts  
Auto Racing  
Auto Touring  
kpacking

Ball Games  
 Ballet  
 Ballroom Dancing  
 Barbecues  
 Baseball  
 Basketball  
 Beachcombing  
 Bicycle Racing  
 Bicycling  
 Bird Watching  
 Boat Cruising  
 Boat Racing  
 Boating  
 Bobsledding  
 Boccie Ball  
 Bow Hunting  
 Broad Jumping  
 Campfire Cooking  
 Camping  
 Canoeing  
 Captains Ball  
 Choreography  
 Church Recreation  
 Clamming  
 Clout Shooting  
 Codeball-on-the-Green  
 Collecting  
 Collecting Plants  
 Collecting Wildlife  
 Commercial Recreation  
 Community Recreation  
 Contra Dancing  
 Corkball  
 Crabbing  
 Creative Recreation USE Artistic Activities  
 Cricket  
 Croquet  
 Cross Country Racing  
 Cross-Country Skiing  
 Curling  
 Cycling  
 Dancing  
 Dashing  
 Day Camping  
 Discus Throwing  
 Diving  
 Dodgeball  
 Dog Trials  
 Domestic Touring  
 Downhill Skiing  
 Drama

Driving for Pleasure  
Equipment Selecting  
Excursions USE Touring  
Exhibitions UF Fairs; Festivals; Pageants  
Exploring  
Factory and Industrial Tours  
Fairs USE Exhibitions  
Falconry  
Family Camping  
Family Recreation  
Festivals USE Exhibitions  
Field Hockey  
Fieldball  
Fishing  
Fistball  
Float Fishing  
Flying  
Folk Dancing  
Football  
Foreign Touring  
Fresh Water Fishing  
Fully Inclusive Tours  
Gardening  
Golf  
Group Camping  
Hammer Throwing  
Handball  
High Jumping  
Hiking  
Hitball  
Horse Racing  
Horse Shows  
Horseback Riding  
Horseshoe Pitching  
Hunting  
Hunting and Fishing  
Hurdle Racing  
Hurling  
Ice Boating  
Ice Fishing  
Ice Hockey  
Ice Skating  
Iceboating  
Industrial Recreation  
Institutional Recreation  
International Recreation  
Jai-Alai  
Javelin Throwing  
Jogging  
Kite Flying  
Lacrosse  
Bowling  
Line Activities USE Water Sports

Marksmanship  
Mental Recreation  
Motorboating  
Motorcycling  
Mountain Climbing  
Municipal Recreation  
Music  
Nature Study  
Nature Walking  
Observing Nature  
Oceanic Travelling USE Boat Cruising  
Organized Recreation  
Outdoor Cooking  
Outdoor Living  
Paddle Tennis  
Pageants USE Exhibitions  
Painting  
Parachuting  
Parades  
Performing Arts  
Photographing Nature  
Photographing Sports  
Photography  
Physical Recreation  
Picnicking  
Play USE Recreation Activities  
Plays and Melodramas USE Drama  
Pole Valting  
Polo  
Primitive Camping  
Private Non-Commercial Recreation  
Public Recreation  
Racing  
Rapids Running  
Recreation Activities UF Amusements; Play  
Recreation Settings  
Relaxation  
Relay Racing  
Resident Camping  
Resource-Oriented Recreation  
River Touring  
Rockhounding  
Roller Skating  
Round Dancing  
Rowing  
Rugby  
Rural Recreation  
Sailing  
Salt Water Fishing  
School Camping  
Special Recreation  
Diving

Sculpture  
Seasonal Recreation  
Short-Term Touring  
Shot-Putting  
Shuffleboard  
Sightseeing USE Touring  
Skateboarding  
Skating  
Skeet and Trap Shooting  
Ski Jumping  
Skin Diving  
Sky Diving USE Parachuting  
Slalom Skiing  
Sledding  
Sleigh Riding  
Snorkeling  
Snow Skiing  
Snowmobiling  
Snowshoeing  
Soaring  
Soccer  
Social Recreation USE Social Activities  
Softball  
Sound-And-Light Shows  
Spectator Events  
Spelunking  
Square Dancing  
Squash  
Surfing  
Swimming  
Target Shooting  
Team Sports  
Tennis  
Tether Ball  
Therapeutic Recreation  
Tobogganing  
Touring UF Excursions; Sightseeing; Tourism  
Touring and Exploring  
Tourism USE Touring  
Track and Field Sports  
Transient Camping  
Trapping  
Travel Agencies  
Travelling  
Trip Planning  
Trips  
Underwater Photography  
Urban Recreation  
Vacation Touring  
Vehicular Activities  
Visitor-Oriented Recreation  
Volleyball



Wading  
Walking  
Water Polo  
Water Skiing  
Water Sports UF Aquatic Sports  
Weight Throwing  
Winter Sports  
Yachting

### RESEARCH

Activity Occasions  
Alternative Solutions  
Analytical Techniques  
Attraction Indexes  
Coding  
Computer Programming  
Conclusions  
Critical Path Techniques  
Data Storage and Retrieval  
Duration of Trips  
Electronic Data Processing  
Estimation Techniques  
Experience  
Experimental Design  
Indices  
Inventories  
Length of Visits  
Mapping Techniques  
Mathematical Models  
Measurement Techniques  
Measurement Units  
Methodology USE Research Methods  
Needs for Recreation  
Photogrammetry  
Pleasure  
Prediction Techniques  
Preferences  
Problem Identification  
Recommendations  
Research  
Research Ideas  
Research Methods UF Methodology  
Research Planning  
Research Plans  
Research Process UF Scientific Method  
Research Programs  
Research Projects  
Research Results

Sampling Methods USE Sampling Techniques  
Sampling Techniques UF Sampling Methods  
Scientific Method USE Research Process  
Selection of Information  
Selection of Objectives  
Standard Metropolitan Statistical Areas  
Statistical Techniques  
Survey Techniques  
Systems Analysis  
Tests of Alternative Solutions  
User Days USE Visitor Days  
User Trips  
Valuation Techniques  
Vehicle Trips  
Visitor Days  
Visits

#### RESOURCE MANAGEMENT

Accessibility  
Acid Mine Drainage  
Administration  
Administrative Regulations  
Adverse Uses UF Misuses  
Air Pollution UF Smog  
Allocation of Resources  
Alternative Resource Uses  
Alternative Solutions  
Animal Pathology  
Animals  
Appropriate Use  
Aquatic Plant Control  
Balance of Nature  
Biological Magnification  
Biotic Extinction USE Extermination  
Birth Control USE Population Limitation  
Bounties  
Browsing  
Carrying Capacities  
Case Studies  
Climate  
Cluster Developments  
Compatible Resource Uses  
Competing Resource Uses  
Complementary Resource Uses  
Conservation  
Conservation Programs  
Coordination of Management  
Coordination of Uses  
Critical Path Techniques

Custom Regulations  
Decision-Making  
Depletion  
Desalination  
Destructive Factors  
Diseases  
Dominant Uses USE Primary Uses  
Ecological Impacts  
Ecology  
Ecosystems  
Encroachment  
Enhancement of Resource Values  
Entomology  
Environmental Design USE Resource Management  
Environmental Quality  
Erosion Control  
Ethics  
Eutrophication  
Evaluation  
Evaporation  
Evolution  
Extermination UF Biotic Extinction  
Fees  
Fires  
Fish Kills  
Fish Planting USE Fish Stocking  
Fish Propagation  
Fish Stocking UF Fish Planting  
Fisheries Management  
Fishing Seasons  
Flood Control  
Flyways  
Forest Management  
Game Management USE Wildlife Management  
General Outdoor Recreation Areas  
Geological Resources  
Grazing  
Habitat  
Habitat Management  
High Density Recreation Areas  
Historic and Cultural Sites  
Hunting Seasons  
Hydrology  
Impoundments  
Insect Control  
Insects  
Inspections  
Intra-Organizational Conflicts  
Irrigation  
Land Description  
Land Management USE Resource Management

Land Use  
Landscape Management  
Licenses  
Life Cycle  
Maintenance  
Management Attitudes  
Management Levels  
Mineral Extraction USE Mining  
Mining UF Mineral Extraction  
Misuses USE Adverse Uses  
Multiple Use Management  
Natural Areas  
Natural Environment  
Natural Environment Areas  
Navigation  
Needs for Recreation  
Noise Pollution  
Open Space  
Operation and Maintenance  
Outstanding Natural Areas  
Park Management  
Pathology  
Permits  
Pesticides  
Plant Indicators  
Plant Materials  
Plant Pathology  
Poisonous Plant Control  
Policies  
Policy-Making  
Pollutants  
Pollution  
Pollution Abatement  
Pollution Control  
Population Explosion  
Population Limitation UF Birth Control  
Population Studies  
Power Development  
Predator Control  
Preservation  
Primary Uses UF Dominant Uses  
Primitive Areas USE Wilderness Areas  
Propagation  
Protection of Resources  
Radioactive Materials  
Range Management  
Rationing of Use  
Reclamation  
Recreation Management  
Recreation Principles  
Rehabilitation

Rehabilitation of Resources UF Restoration  
 Resource Engineering  
 Resource Management UF Environmental Design; Land Management  
 Resource Use Philosophies  
 Resource Uses  
 Restoration USE Rehabilitation of Resources  
 Secondary Uses UF Subordinant Uses  
 Sedimentation  
 Selection of Best Alternative  
 Soil Conservation  
 Soil Pollution  
 Solid Wastes  
 Starvation  
 Subordinant Uses USE Secondary Uses  
 Suitability of Resources  
 Supplies  
 Surveys  
 Survival  
 Sustained Yield  
 Tagging  
 Technology  
 Thermal Pollution  
 Timber Production  
 Users  
 Waste  
 Water Law  
 Water Level Manipulation  
 Water Levels  
 Water Management  
 Water Pollution  
 Water Purification  
 Water Quality  
 Water Quality Control  
 Water Quality Standards  
 Water Re-Use  
 Water Resource Development  
 Water Resources  
 Water Transfer  
 Water Use  
 Watershed Management  
 Weather Modification  
 Wild River Manipulation  
 Wildlife Management UF Game Management  
 Wildlife Stocking  
 World Ecosystem  
 Zoning

#### SUPPORTING FACILITIES

Access Roads  
 Accommodations USE Lodgings

Administrative Developments  
Administrative Structures  
Administrative Structures and Developments  
Airlines  
Auto Service Stations  
Baggage Handling Facilities  
Bridges  
Buses  
Chambers of Commerce  
Charter Cruises  
Charter Flights  
Combination Buildings  
Comfort Stations USE Restrooms  
Communications Services  
Credit Travel Services  
Dormitories  
Drugstores UF Pharmacies  
Ferries  
Food Services UF Restaurants; Catering; Food Service Production  
Foreign Currency Exchanges  
Garages  
Gateway Buildings  
Grocery Stores  
Guide Services  
Harbors UF Ports  
Helicopters  
Hospitals  
Information Centers USE Visitor Service Centers  
Laundries  
Litter Receptacles  
Mass Transit Systems  
Monorails  
Motor Pools  
Motor Vehicles  
National Tourist Offices  
Outfitters  
Park Offices  
Parking Areas  
Personnel Housing  
Pharmacies USE Drugstores  
Ports USE Harbors  
Post Offices  
Power Systems  
Railroads  
Rental Autos  
Reservation Services  
Reservoirs  
Restaurants USE Food Services  
Restrooms UF Comfort Stations; Toilets  
Roads  
Sanitation Systems  
Shopping Centers

Signs  
 Tickets and Ticketing  
 Toilets USE Restrooms  
 Training Centers  
 Tramways and Lifts  
 Transportation Services  
 Travel Agencies  
 Utilities  
 Visitor Service Centers  
 Visitor Service Facilities  
 Waste Disposal Facilities  
 Water Supply Facilities  
 Water Supply Systems  
 Workshop Buildings

### USER CHARACTERISTICS

Adults  
 Aged UF Elderly; Retired; Senior Citizens  
 Ages  
 Attitudes  
 Cultures  
 Desires USE Wants  
 Deterrents to Recreation  
 Disabled Persons USE Handicapped Persons  
 Educational Backgrounds  
 Elderly USE Aged  
 Elementary School Children  
 Employable Skills  
 Ethnic Groups  
 Family Compositions  
 Guests USE Users  
 Handicapped Persons UF Disabled  
 Human Races  
 Human Values  
 Ill Persons  
 Industrial Employees  
 Inner Cities  
 Leisure  
 Levels of Living  
 Local Residents  
 Metropolitan Areas  
 Military Personnel  
 Minority Groups  
 Mobility  
 Motivation  
 Needs for Recreation  
 Local Residents  
 Participants USE Users

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Participation Rates  
Passengers USE Users  
Personal Incomes  
Places of Residence  
Population Characteristics  
Population Distribution  
Preschool Children  
Psychological Factors  
Recreation Skills  
Recreationists USE Users  
References  
Religions  
Retired USE Aged  
Rural Areas  
Senior Citizens USE Aged  
Sexes  
Special Interest Groups  
Standards of Living  
Suburbs  
Teenagers  
Tourists UF Travelers  
Travelers USE Tourists  
Trends  
User Characteristics  
User Types  
Users UF Passengers; Guests; Recreationists; Participants  
Wants UF Desires  
Young Adults  
Youth



THESAURUS OF OUTDOOR RECREATION TERMS

Grouped Arrays, Rotated Within Groups

## THESAURUS OF OUTDOOR RECREATION TERMS

### Grouped Array, Rotated Within Each Group

Administrative Units	1
Benefits and Valuation	4
Costs of Administration	6
Demand Theory, Demand, and Use	9
Economic Analysis	11
Education	16
Equipment	19
Expenditures, Revenues, and Economic Impact	23
Facilities for Recreation	25
Factors Affecting Use	32
Financing	35
General Administration	36
Historical and Cultural Resources	39
Human Values and Philosophies	42
Identification of Recreational Opportunities	45
Information Sources	46
Laws and Legal Procedures	47
Natural Resources	50
Personnel and Visitor Management	55
Planning and Design	59
Public and Private Entities	65
Recreation Activities	69
Research	76
Resource Management	79
Supporting Facilities	85
User Characteristics	88

## THESAURUS OF OUTDOOR RECREATION TERMS

### Grouped Array, Rotated Within Each Group

#### Administration

Financing	35
General Administration	36
Human Values and Philosophies	42
Laws and Legal Procedures	47
Personnel and Visitor Management	55
Planning and Design	59
Public and Private Entities	65
Resource Management	79

#### Economic Aspects

Benefits and Valuation	4
Costs of Administration	6
Economic Analysis	11
Expenditures, Revenues, and Economic Impacts	23

#### Outdoor Recreation Resources and Facilities

Administrative Units	1
Facilities for Recreation	25
Historical and Cultural Resources	39
Identification of Recreational Opportunities	45
Natural Resources	50
Supporting Facilities	85

#### Recreation Activities, Equipment, and Users

Demand Theory, Demand, and Use	9
Equipment	19
Factors Affecting Use	32
Recreation Activities	69
User Characteristics	88

#### Supporting Information

Education	16
Information Sources	45
Research	76

# ADMINISTRATIVE UNITS

County Recreation Areas  
     Cultural Areas and Sites  
     Federal Areas  
 General Outdoor Recreation Areas  
     High Density Recreation Areas  
     Historic Areas and Sites  
     Municipal Areas  
 Natural Environment Areas  
 Outstanding Natural Areas  
     Primitive Areas      USE Wilderness Areas  
     Recreation Areas  
 Reservoir Recreation Areas  
     State Areas  
     Superlative Areas  
     Unique Areas  
     Wilderness Areas      UF Back-Country; Primitive Areas  
     Wildlife Areas  
         Back-Country      USE Wilderness Areas  
     National Battlefield Parks  
     National Battlefield Sites  
     National Battlefields  
         Bird Sanctuaries      USE Wildlife Refuges  
     National Capital Parks  
     National Cemeteries  
 Recreation Resource Classes  
     Recreation Communities  
         County Forests  
         County Parks  
         County Recreation Areas  
         Cultural Areas and Sites  
 Historic and Cultural Sites  
     High Density Recreation Areas  
 Recreation Districts  
     Flowage Easement Lands  
     Natural Environment Areas  
         Federal Areas  
         Flowage Easement Lands  
     National Forest Purchase Units  
     National Forest System  
         County Forests  
     Municipal Forests  
     National Forests  
     Private Forests  
     State Forests  
     Watershed Forests  
         Forests (Administrative Units)  
         Forts  
         General Outdoor Recreation Areas

National Grasslands  
High Density Recreation Areas  
Historic and Cultural Sites  
Historical Areas and Sites  
National Historical Sites  
Indian Lands  
National Lakeshores  
Land Utilization Projects  
Flowage Easement Lands  
Indian Lands  
Military Lands  
Surplus Military Lands  
National Memorials  
Military Lands  
Surplus Military Lands  
National Military Parks  
Military Reservations  
National Monuments  
Municipal Areas  
Municipal Forests  
Municipal Parks  
Municipal Squares  
National Battlefield Parks  
National Battlefield Sites  
National Battlefields  
National Capital Parks  
National Cemeteries  
National Forest Purchase Units  
National Forest System  
National Forests  
National Grasslands  
National Historical Sites  
National Lakeshores  
National Memorials  
National Military Parks  
National Monuments  
National Park System  
National Parks  
National Parkways  
National Recreation Areas  
National Scenic and Recreation Trails  
National Scenic and Wild Rivers  
National Scenic and Wild Rivers System  
National Seashores  
National Wilderness System  
National Wildlife Refuges  
Natural Areas  
Outstanding Natural Areas  
Natural Environment Areas  
Neighborhood Parks  
General Outdoor Recreation Areas  
Outstanding Natural Areas

National Park System  
     Parks  
         County Parks  
         Municipal Parks  
         National Parks  
 National Battlefield Parks  
     National Capital Parks  
     National Military Parks  
     Neighborhood Parks  
     Private Parks  
     State Parks  
     Vest Pocket Parks  
         National Parkways  
         Vest Pocket Parks  
             Primitive Areas   USE Wilderness Areas  
             Private Forests  
             Private Parks  
 Land Utilization Projects  
     National Forest Purchase Units  
         County Recreation Areas  
     General Outdoor Recreation Areas  
         High Density Recreation Areas  
         National Recreation Areas  
         Reservoir Recreation Areas  
             Recreation Areas  
             Recreation Communities  
             Recreation Districts  
             Recreation Resource Classes  
 National Scenic and Recreation Trails  
     Refuges   USE Wildlife Refuges  
 National Wildlife Refuges  
     Wildlife Refuges   UF Bird Sanctuaries; Refuges  
     Military Reservations  
         Reservoir Recreation Areas  
         Reservoirs  
         Resorts  
         Recreation Resource Classes  
 National Scenic and Wild Rivers  
 National Scenic and Wild Rivers System  
     Bird Sanctuaries   USE Wildlife Refuges  
     National Scenic and Recreation Trails  
     National Scenic and Wild Rivers  
     National Scenic and Wild Rivers System  
     National Seashores  
     Cultural Areas and Sites  
 Historic and Cultural Sites  
     Historical Areas and Sites  
     National Battlefield Sites  
     National Historical Sites  
     Municipal Squares

State Areas  
 State Forests  
 State Parks  
 Superlative Areas  
 Surplus Military Lands  
 National Park System  
 National Wilderness System  
 National Scenic and Wild Rivers System  
 National Scenic and Recreation Trails  
 Unique Areas  
 Administrative Units  
 National Forest Purchase Units  
 Forests (Administrative Units)  
 Land Utilization Projects  
 Vest Pocket Parks  
 Watershed Forests  
 National Scenic and Wild Rivers  
 National Scenic and Wild Rivers System  
 Wilderness Areas UF Back-Country;  
 Primitive Areas  
 National Wilderness System  
 Wildlife Areas  
 Wildlife Refuges UF Bird Sanctuaries;  
 Refuges  
 National Wildlife Refuges

### BENEFITS AND VALUATION

Benefit Allocations  
 Benefit Analysis  
 Benefit-Cost Analysis UF Cost-Benefit Analysis  
 Annual Benefits  
 Appraisals  
 Area Development USE Economic Devel-  
 opment  
 Average Benefits  
 Benefit Allocations  
 Benefit Analysis  
 Benefit-Cost Analysis UF Cost-Bene-  
 fit Analysis  
 Benefit Comparisons  
 Benefit Determinations  
 Benefit Estimations  
 Benefit Predictions  
 Benefit Types  
 Benefits  
 Amount of Benefits  
 Annual Benefits  
 Average Benefits

Deferred Benefits  
     Direct Benefits  
     Indirect Benefits  
     Induced Benefits  
 Intangible Benefits  
     Joint Benefits  
     Long-Run Benefits  
     Marginal Benefits  
     Monetary Benefits  
 Non-Reimbursable Benefits  
     Primary Benefits  
 Quality Impacts on Benefits  
 Regional Economic Benefits  
     Reimbursable Benefits  
         Secondary Benefits  
         Separable Benefits  
     Short-Run Benefits  
         Social Benefits  
     Tangible Benefits  
         Total Benefits  
         User Benefits  
 Valuation of Intangible Benefits  
     Benefits to Individuals  
     Benefits to Society  
 Highest and Best Use  
     Income Capitalizations  
     Benefit Comparisons  
         Condemnation Values  
         Deferred Benefits  
     Benefit Determinations  
         Area Development  
         USE Economic Development  
     Economic Development  
         Direct Benefits  
     Regional Economic Benefits  
         Economic Development  
         Economic Feasibility  
         Economic Valuation  
     Benefit Estimations  
     Economic Feasibility  
     Financial Feasibility  
         Feasibility Studies  
         Financial Feasibility  
         Highest and Best Use  
     Quality Impacts on Benefits  
         Income Capitalizations  
         Indirect Benefits  
     Benefits to Individuals  
         Induced Benefits  
         Intangible Benefits  
 Valuation of Intangible Benefits  
     Intangible Values  
 Returns on Investment



Joint Benefits  
 Long-Run Benefits  
 Marginal Benefits  
 Market Values  
 Monetary Benefits  
 Non-Reimbursable Benefits  
 Benefit Predictions  
 Pricing  
 Primary Benefits  
 Value of Products  
 Quality Impacts on Benefits  
 Valuation of Recreation  
 Regional Economic Benefits  
 Reimbursable Benefits  
 Returns on Investment  
 Salvage Values  
 Secondary Benefits  
 Separable Benefits  
 Short-Run Benefits  
 Social Benefits  
 Benefits to Society  
 Feasibility Studies  
 Tangible Benefits  
 Valuation of Tangible Benefits  
 Valuation Techniques  
 Total Benefits  
 Benefit Types  
 Highest and Best Use  
 User Benefits  
 Economic Valuation  
 Valuation of Intangible Benefits  
 Valuation of Recreation  
 Valuation of Tangible Benefits  
 Valuation Techniques  
 Value of Products  
 Condemnation Values  
 Intangible Values  
 Market Values  
 Salvage Values

# COSTS OF ADMINISTRATION

Acquisition Costs  
 Advertising Costs  
 Cost Allocations  
 Benefit-Cost Analysis  
 Cost Analysis  
 Annual Costs  
 Average Costs

Benefit-Cost Analysis  
 Business Taxes  
 Demand for Capital  
 Supply of Capital  
 Capital Costs  
 Capital Gains Taxes  
 Capital Improvements  
 Cost Comparisons  
 Compensation  
 Condemnation Values  
 Construction Costs  
 Contingency Costs  
 Cost Allocations  
 Cost Analysis  
 Cost Comparisons  
 Cost Estimates  
 Cost Functions  
 Cost Types  
 Acquisition Costs  
 Advertising Costs  
 Annual Costs  
 Capital Costs  
 Construction Costs  
 Contingency Costs  
 Deferred Costs  
 Development Costs  
 Direct Costs  
 Economic Costs    USE Costs of Administration  
 Equipment Costs  
 Escalation of Costs  
 Fixed Costs  
 Indirect Costs  
 Induced Costs  
 Initial Costs    USE Investment Costs  
 Installation Costs  
 Insurance Costs  
 Intangible Costs  
 Investment Costs  
 Joint Costs  
 Labor Costs    USE Personnel Costs  
 Land Costs  
 Long-Run Costs  
 Maintenance Costs  
 Marginal Costs  
 Marketing and Promotion Costs  
 Non-Reimbursable Costs  
 Operating Costs  
 Opportunity Costs  
 Personnel Costs    UF Labor Costs  
 Planning Costs  
 Primary Costs  
 Production Costs

Purposes of Costs  
 Quality Impacts on Costs  
 Reimbursable Costs  
 Replacement Costs  
 Secondary Costs  
 Separable Costs  
 Short-Run Costs  
 Social Costs  
 Sunk Costs  
 Tangible Costs  
 Total Costs  
 Utility Costs  
 Variable Costs  
 Waiting Costs  
 Costs of Administration  
 Deferred Costs  
 Demand for Capital  
 Depreciation  
 Development Costs  
 Direct Costs  
 Economic Costs USE Costs of Admin-  
 istration  
 Scale Economies  
 Equipment Costs  
 Escalation of Costs  
 Cost Estimates  
 Excise Taxes UF Sales Taxes  
 Expenditures by Management  
 Fixed Costs  
 Motorboat Fuel Taxes USE Excise Taxes  
 Cost Functions  
 Capital Gains Taxes  
 Quality Impacts on Costs  
 Capital Improvements  
 Income Taxes  
 Indirect Costs  
 Induced Costs  
 Initial Costs USE Investment Costs  
 Installation Costs  
 Insurance Costs  
 Intangible Costs  
 Interest  
 Investment Costs  
 Joint Costs  
 Labor Costs USE Personnel Costs  
 Land Costs  
 Payments in Lieu of Taxes  
 Long-Run Costs  
 Maintenance Costs  
 Expenditures by Management  
 Marginal Costs  
 Marketing and Promotion Costs

Motorboat Fuel Taxes    USE Excise Taxes  
 Non-Reimbursable Costs  
 Operating Costs  
 Opportunity Costs  
 Payments in Lieu of Taxes  
 Personnel Costs    UF Labor Costs  
 Planning Costs  
 Primary Costs  
 Production Costs  
 Marketing and Promotion Costs  
 Property Taxes  
 Purposes of Costs  
 Quality Impacts on Costs  
 Recreation Taxes  
 Reimbursable Costs  
 Rent  
 Replacement Costs  
 Sales Taxes    USE Excise Taxes  
 Scale Economies  
 Secondary Costs  
 Separable Costs  
 Short-Run Costs  
 Social Costs  
 Sunk Costs  
 Supply of Capital  
 Tangible Costs  
 Taxes  
     Business Taxes  
 Capital Gains Taxes  
     Excise Taxes    UF Sales Taxes  
     Income Taxes  
 Motorboat Fuel Taxes    USE Excise Taxes  
 Payments in Lieu of Taxes  
     Property Taxes  
     Recreation Taxes  
         Sales Taxes    USE Excise Taxes  
     Total Costs  
     Cost Types  
         Utility Costs  
 Condemnation Values  
     Variable Costs  
     Waiting Costs

### DEMAND THEORY, DEMAND AND USE

Recreation Activities  
     Activity Occasions  
     Factors Affecting Use  
 Substitution Among Activities

Attendance USE Recreation Use  
 Use Characteristics  
 User Characteristics  
 Social Conditions  
 Crowding  
 Visitor Days UF Recreation Days; User Days  
 User Days USE Visitor Days  
 Recreation Days USE Visitor Days  
 Demand  
 Effective Demand  
 Elasticity of Demand  
 Latent Demand  
 Demand Estimation  
 Demand Factors USE Factors Affect-  
 ing Use  
 Demand Predictions  
 Demand Projections USE Demand Pre-  
 dictions  
 Demand Theory  
 Desires USE Wants  
 Deterrents to Recreation  
 Duration of Experience  
 Effective Demand  
 Substitution Effects  
 Elasticity of Demand  
 Elasticity of Supply  
 Use Estimates  
 Demand Estimation  
 Estimation Techniques  
 Experience  
 Duration of Experience  
 Demand Factors USE Factors Affecting Use  
 Factors Affecting Use  
 Future Needs  
 Holidays  
 Latent Demand  
 Leisure Styles  
 Market Studies  
 Motivation  
 Future Needs  
 Needs for Recreation  
 Activity Occasions  
 Time of Participation  
 Peaking in Use  
 Pleasure  
 Prediction Techniques  
 Demand Predictions  
 Use Predictions  
 Preferences  
 Satiation Principle  
 Demand Projections USE Demand Predictions

Use Records  
 Deterrents to Recreation  
   Needs for Recreation  
     Recreation Activities  
     Recreation Days   USE Visitor Days  
     Recreation Settings  
     Recreation Use   UF Attendance  
     Satiety Principle  
   Recreation Settings  
     Social Conditions  
   Market Studies  
   Leisure Styles  
     Substitution Among Activities  
     Substitution Effects  
 Elasticity of Supply  
   Estimation Techniques  
   Prediction Techniques  
     Demand Theory  
       Time of Participation  
       Timing of Use  
       Trends  
   User Trips  
     Units of Use  
 Factors Affecting Use  
   Peaking in Use  
   Recreation Use   UF Attendance  
   Timing of Use  
   Units of Use  
     Use Characteristics  
     Use Estimates  
     Use Predictions  
     Use Records  
     User Characteristics  
     User Days   USE Visitor Days  
     User Trips  
     Vacations  
     Visitor Days   UF Recreation Days;  
       User Days  
     Visits  
     Wants   UF Desires  
     Weekdays  
     Weekends

### ECONOMIC ANALYSIS

    Accessibility of Resources  
 Economic Resource Allocation  
 Least-Cost Resource Allocation  
 Maximum-Value Resource Allocation

Political Resource Allocation  
     Allocation of Resources  
     Competition Among Resource Uses  
     Benefit-Cost Analysis UF Cost-Benefit Analysis  
     Cost-Benefit Analysis Use Benefit-Cost Analysis  
     Economic Analysis UF Economic Studies  
     Financial Analysis  
     Input-Output Analysis  
     Joint Production Analysis  
     Location Analysis USE Location Theory  
     Marginal Analysis  
     Economic Aspects  
     Economic Base  
         Benefit-Cost Analysis UF Cost-Benefit Analysis  
 Highest and Best Use  
     Business Cycles  
     Capital  
     Capitalization  
     Resource Characteristics  
     Economic Competition  
 Imperfect Economic Competition  
     Monopolistic Competition  
     Perfect Economic Competition  
         Competition Among Resource Uses  
         Complementarity  
     Economic Conditions  
     Market Conditions  
         Cost Functions  
         Cost-Benefit Analysis USE Benefit-Cost Analysis  
 Marginal Costs  
 Business Cycles  
     Demand for Resources  
 Market Price Determination  
     Differentiation of Products  
     Diminishing Returns  
     Discounting  
 External Economies and Diseconomies  
     Disinvestment  
     Product Distribution  
     Diversified Products  
     Driving Time  
     Economic Analysis UF Economic Studies  
     Economic Aspects  
     Economic Base  
     Economic Competition  
     Imperfect Economic Competition  
     Perfect Economic Competition  
     Economic Conditions  
     Economic Efficiency

Economic Factors  
 Economic Feasibility  
 Economic Geography  
 Economic Indicators  
 Economic Justification  
 Economic Life  
 Economic Location  
 Economic Opportunity  
 Economic Planning  
 Economic Policies  
 Economic Resources Allocation  
 Economic Resources  
 Welfare Economics  
 External Economies and Diseconomies  
 Substitution Effects  
 Economic Efficiency  
 Exhaustibility of Resources  
 External Economies and Diseconomies  
 Economic Factors  
 Limiting Factors  
 Economic Feasibility  
 Financial Feasibility  
 Feasibility Studies  
 Financial Analysis  
 Financial Feasibility  
 Flow Resources USE Renewable Resources  
 Cost Functions  
 Fund Resources USE Nonrenewable  
 Resources  
 Economic Geography  
 Social Goals  
 Substitutable Goods  
 Highest and Best Use  
 Imperfect Economic Competition  
 Economic Indicators  
 Input-Output Analysis  
 Joint Production Analysis  
 Economic Justification  
 Labor  
 Land  
 Least-Cost Resource Allocation  
 Economic Life  
 Limiting Factors  
 Linear Programming  
 Economic Location  
 Location Analysis USE Location  
 Theory  
 Location Theory UF Location Analysis  
 Macroeconomics  
 Policies of Management  
 Management Objectives  
 Marginal Analysis  
 Marginal Costs



Marginal Physical Products  
 Marginal Rates of Substitution  
 Marginal Revenues  
 Marginal Utility  
 Market Conditions  
 Market Price Determination  
 Market Prices  
 Market Surveys  
 Maximization  
 Profit Maximization  
 Satisfaction Maximization  
 Maximum-Value Resource Allocation  
 Microeconomics  
 Resource Mix  
 Mobility of Resources  
 Monopolistic Competition  
 Monopoly  
 Pure Monopoly  
 Multiple Use  
 Nonrenewable Resources  
 Management Objectives  
 Oligopoly  
 Operations Research  
 Economic Opportunity  
 Perfect Economic Competition  
 Philosophies of Resource Use  
 Physical Product  
 Marginal Physical Products  
 Economic Planning  
 Economic Policies  
 Policies of Management  
 Political Resource Allocation  
 Market Price Determination  
 Market Prices  
 Pricing  
 Physical Product  
 Value Product  
 Product Distribution  
 Joint Production Analysis  
 Differentiation of Products  
 Diversified Products  
 Marginal Physical Products  
 Profit Maximization  
 Linear Programming  
 Proportionality  
 Proration  
 Pure Monopoly  
 Quality of Resources  
 Quantity of Resources UF Scarcity  
 of Resources  
 Marginal Rates of Substitution  
 Renewable Resources

Operations Research  
     Economic Resource Allocation  
     Least-Cost Resource Allocation  
     Maximum-Value Resource Allocation  
     Political Resource Allocation  
         Resource Characteristics  
         Resource Mix  
         Resource Types  
     Philosophies of Resource Use  
     Competition Among Resource Uses  
     Accessibility of Resources  
     Allocation of Resources  
     Demand for Resources  
     Economic Resources  
     Exhaustibility of Resources  
         Flow Resources      USE Renewable Resources  
         Fund Resources     USE Nonrenewable Resources  
     Mobility of Resources  
     Nonrenewable Resources  
     Quality of Resources  
     Quantity of Resources    UF Scarcity of Resources  
     Renewable Resources  
     Scarcity of Resources    USE Quantity of Resources  
     Substitutibility of Resources  
     Substitutable Resources  
     Diminishing Returns  
         Returns to Scale  
         Marginal Revenues  
         Salvage Values  
         Satisfaction Maximization  
     Returns to Scale  
         Scarcity of Resources   USE Quantity  
                                     of Resources  
         Social Goals  
     Feasibility Studies  
         Substitutibility of Resources  
         Substitutable Activities  
         Substitutable Goods  
         Substitutable Resources  
     Marginal Rates of Substitution  
         Substitution Effects  
         Market Surveys  
         Location Theory    UF Location Analysis  
         Driving Time  
         Resource Types  
     Highest and Best Use  
         Multiple Use  
     Philosophies of Resource Use  
     Competition Among Resource Uses  
         Utility  
         Marginal Utility

Value Product  
Salvage Values  
Welfare Economics

EDUCATION

Accreditation  
Professional Accreditation USE Accreditation  
Business Administration  
Public Administration  
Educational Administrators  
Aesthetics  
Anthropology  
Applied Arts  
Archeology  
Demonstration Areas  
Applied Arts  
Fine Arts  
Performing Arts  
Biological Sciences  
Botany  
Business Administration  
Training Centers  
Certification  
City Planning  
Civil Engineering  
College Education USE Higher Education  
Colleges and Universities  
Communications  
Composition  
Computer Science  
Concepts  
Meetings and Conferences  
Workshop Conferences UF Seminars  
Conflict Resolution  
Conservation  
Conservation Education USE Envir-  
onment Education  
Extension Courses  
Short Courses UF Seminars  
Curricula  
Dancing  
Decision Theory  
Demography  
Demonstration Areas  
Integrative Disciplines  
Drama  
Earth Sciences  
Ecology



Economics  
 Education  
 College Education USE Higher Education  
 Conservation Education USE Environmental Educa-  
 tion  
 Environmental Education UF Conservation Education;  
 Outdoor Education  
 Higher Education UF College Education  
 Media for Education  
 Outdoor Education USE Environmental Educa-  
 tion  
 Physical Education  
 Primary Education  
 Professional Education  
 Secondary Education  
 Subprofessional Education  
 Survival Education  
 Educational Administrators  
 Educational Equipment  
 Educational Levels  
 Educational Personnel  
 Educators UF Teachers; Professors  
 Law Enforcement  
 Engineering  
 Civil Engineering  
 Environmental Engineering  
 Hydraulic Engineering  
 Sanitary Engineering  
 Environmental Education UF Conserva-  
 tion Education; Outdoor Education  
 Environmental Engineering  
 Educational Equipment  
 Ethnology  
 Extension Courses  
 Interpretive Facilities  
 Field Trips  
 Fine Arts  
 Forestry  
 Geography  
 Human Geography  
 Geology  
 Graduate Study  
 Group Work  
 Health  
 Higher Education UF College Education  
 History  
 Human Geography  
 Hydraulic Engineering  
 In-Service Training  
 Information Theory  
 Sports Instruction USE Coaching  
 Integrative Disciplines

Interpretation  
Interpretive Facilities  
Knowledge  
Law  
Law Enforcement  
Educational Levels  
Wildlife Management  
Management Science  
Reference Materials USE Sources of Information  
Media for Education  
Medical Sciences  
Meetings and Conferences  
Motivation  
Music  
Oceanography  
Outdoor Education USE Environmental  
Education  
Painting  
Performing Arts  
Educational Personnel  
Physical Education  
City Planning  
Regional Planning  
Political Science  
Primary Education  
Primary Schools  
Professional Accreditation USE  
Accreditation  
Professional Education  
Professors USE Educators  
Psychiatry  
Psychology  
Social Psychology  
Public Administration  
Public Relations  
Recreation Schools  
Recreation Theory  
Reference Materials USE Sources of  
Information  
Regional Planning  
Public Relations  
Report Writing  
Conflict Resolution  
Sanitary Engineering  
Primary Schools  
Recreation Schools  
Secondary Schools  
Computer Science  
Management Science  
Political Science  
Biological Sciences  
320 Earth Sciences

Medical Sciences  
 Social Sciences  
     Sculpture  
     Secondary Education  
     Secondary Schools  
     Seminars USE Workshop Conferences;  
         Short Courses  
     Short Courses UF Seminars  
     Social Psychology  
     Social Sciences  
     Sociology  
     Soils  
     Speech  
     Sports Instruction USE Coaching  
 Graduate Study  
 Undergraduate Study  
     Subprofessional Education  
     Survival Education  
     Teachers USE Educators  
     Decision Theory  
     Information Theory  
     Recreation Theory  
     In-Service Training  
         Training Centers  
     Field Trips  
         Undergraduate Study  
         Universities  
 Colleges and Universities  
     Wildlife Management  
     Group Work  
         Workshop Conferences UF Seminars  
     Report Writing  
     Zoology

#### EQUIPMENT

Airplanes  
 Antique Cars  
 Archery Equipment  
 Art Equipment  
 Athletic Equipment  
 Automobiles  
 Sleeping Bags  
 Ballgame Equipment  
 Balls  
 Baskets  
 Bats  
 Bicycles  
 Trail Bikes

- Boat Motors
- Boating Equipment
- Boats
- Racing Boats
- Nature Books
- Cameras
- Camper Vehicles
- Camping Equipment
- Canoes
- Antique Cars
- Racing Cars
- Sports Cars
- Collecting Equipment
- Curling Equipment
- Cycling Equipment
- Alpine Equipment
- Art Equipment
- Archery Equipment
- Athletic Equipment
- Ballgame Equipment
- Boating Equipment
- Camping Equipment
- Collecting Equipment
- Curling Equipment
- Cycling Equipment
- Fishing Equipment
- Game Equipment
- Gardening Equipment
- Golf Equipment
- Horseshoe Equipment
- Hunting Equipment
- Hunting and Fishing Equipment
- Ice Hockey Equipment
- Marksmanship Equipment
- Nature Study Equipment
- Outdoor Living Equipment
- Outdoor Play Equipment
- Photographic Equipment
- Playground Equipment
- USE Outdoor Play Equip-  
ment
- Riding Equipment
- Skeet and Trap Equipment
- Snow Ski Equipment
- Shooting Equipment
- Shuffleboard Equipment
- Touring Equipment
- Track and Field Equipment
- Water Ski Equipment
- Water Sports Equipment
- Winter Sports Equipment
- Equipment for Outdoor Recreation



Track and Field Equipment  
     Films for Photography  
     Firearms  
     Fishing Equipment  
 Hunting and Fishing Equipment  
     Outdoor Furniture  
     Game Equipment  
     Gardening Equipment  
     Scuba Gear  
     Gliders  
     Gloves  
     Goalposts  
     Golf Equipment  
     Ice Hockey Equipment  
 Mobile Homes  
     Horses  
     Horseshoe Equipment  
     Houseboats  
     Hunting and Fishing Equipment  
     Hunting Equipment  
     Ice Hockey Equipment  
     Iceboats  
     Kayaks  
 Outdoor Lights  
 Outdoor Living Equipment  
     Mallets  
     Marksmanship Equipment  
     Mobile Homes  
     Motor Scooters  
     Motorbikes  
     Motorboats  
     Motorcycles  
 Boat Motors  
     Nature Books  
     Nature Study Equipment  
     Nets  
     Oars and Paddles  
     Outdoor Furniture  
     Outdoor Lights  
     Outdoor Living Equipment  
     Outdoor Play Equipment  
 Equipment for Outdoor Recreation  
     Oars and Paddles  
     Parachutes  
     Photographic Equipment  
 Films for Photography  
     Outdoor Play Equipment  
     Playground Equipment USE Outdoor  
         Play Equipment  
     Racing Boats



	Racing Cars
	Raquets
Equipment for Outdoor	Recreation
	Riding Equipment
	Towboats
	Sailboats
	Sails
	Scooters
Motor	Scooters
	Scuba Gear
	Seesaws
	Shooting Equipment
	Shuffleboard Equipment
	Shuttlecocks
	Skateboards
	Skates
	Skeet and Trap Equipment
Snow	Ski Equipment
Water	Ski Equipment
	Sleds
	Sleeping Bags
	Sleighs
	Slides
	Snorkels
	Snow Ski Equipment
	Snowmobiles
	Snowshoes
	Sports Cars
Vehicular	Sports Equipment
Water	Sports Equipment
Winter	Sports Equipment
Nature	Study Equipment
	Surfboards
	Swings
	Targets
	Tent Trailers
	Tents
	Toboggans
	Touring Equipment
	Track and Field Equipment
	Trail Bikes
	Trailers
	Tent Trailers
	Travel Trailers
Skeet and	Trap Equipment
	Travel Trailers
	Truck-Campers
	Vehicles
Camper	Vehicles
	Vehicular Sports Equipment
	Water Ski Equipment
	Water Sports Equipment

Winter Sports Equipment  
Yachts

EXPENDITURES, REVENUES, AND ECONOMIC IMPACTS

Accommodation Expenditures  
Annual Revenues  
Land Value Appreciation  
Average Revenues  
Benefits to Individuals  
Benefits to Society  
Migratory Bird Hunting Stamps  
Boat Rentals  
Chain of Economic Impacts  
User Charges USE Fees  
Clothing Expenditures  
Community Gains USE Indirect Economic Impacts  
Escalation of Costs  
Deferred Revenues  
Regional Development  
Visitor Service Developments  
Direct Economic Impacts  
Distribution of Goods  
Economic Impacts  
Chain of Economic Impacts  
Direct Economic Impacts  
Indirect Economic Impacts  
Horizontal Economic Impacts  
Vertical Economic Impacts  
Economic Leakage  
Economic Multipliers  
Economic Studies USE Economic Analysis  
Seasonal Employment  
Yearlong Employment  
Employment Opportunities  
Supporting Enterprises  
Entrance Fees  
Equipment Expenditures  
Escalation of Costs  
Accommodation Expenditures  
Clothing Expenditures  
Equipment Expenditures  
Food Expenditures  
Transportation Expenditures  
Expenditures by Users  
Fees UF User Charges  
Entrance Fees  
Guide Fees

Grazing Fees  
 Membership Fees  
 Tour Fees  
 Financial Opportunities  
 Fixed Revenues  
 Food Expenditures  
 Community Gains USE Indirect Economic Impacts  
 Distribution of Goods  
 Wholesalers of Goods  
 Sporting Goods Industry  
 Grazing Fees  
 Gross Profits  
 Gross Revenues  
 Guide Fees  
 Horizontal Economic Impacts  
 Migratory Bird Hunting Stamps  
 Economic Impacts  
 Chain of Economic Impacts  
 Direct Economic Impacts  
 Horizontal Economic Impacts  
 Indirect Economic Impacts  
 Inter-Regional Impacts  
 Intra-Regional Impacts  
 Personal Incomes  
 Indirect Economic Impacts  
 Benefits to Individuals  
 Primary Industries  
 Sporting Goods Industry  
 Inter-Regional Impacts  
 Intra-Regional Impacts  
 Land Value Appreciation  
 Economic Leakage  
 Recreation Leases  
 Long-Run Revenues  
 Manufacturers  
 Marginal Revenues  
 Membership Fees  
 Migratory Bird Hunting Stamps  
 Economic Multipliers  
 Net Profits  
 Net Revenues  
 Employment Opportunities  
 Financial Opportunities  
 Personal Incomes  
 Primary Industries  
 Private Properties  
 Profits UF Rates of Return  
 Gross Profits  
 Net Profits  
 Private Properties  
 Property Values  
 Public Agencies

Rates of Return USE Profits  
 Receipts USE Revenues  
 Valuation of Recreation  
 Recreation Leases  
 Regional Development  
 Boat Rentals  
 Rates of Return USE Profits  
 Revenues UF Receipts  
 Annual Revenues  
 Average Revenues  
 Deferred Revenues  
 Fixed Revenues  
 Long-Run Revenues  
 Marginal Revenues  
 Net Revenues  
 Total Revenues  
 Variable Revenues  
 Seasonal Employment  
 Visitor Service Developments  
 Short-Run Revenues  
 Benefits to Society  
 Speculation USE Escalation of Costs  
 Sporting Goods Industry  
 Migratory Bird Hunting Stamps  
 Economic Studies USE Economic Analysis  
 Supporting Enterprises  
 Taxes  
 Total Revenues  
 Tour Fees  
 Tourist Trade  
 Tourist Trade  
 Transportation Expenditures  
 User Charges USE Fees  
 Users  
 Expenditures by Users  
 Valuation of Recreation  
 Land Value Appreciation  
 Property Values  
 Variable Revenues  
 Vertical Economic Impacts  
 Visitor Service Developments  
 Wholesalers of Goods  
 Yearlong Employment

#### FACILITIES FOR RECREATION

Access Roads  
 Accommodations USE Lodgings  
 Seasonal Accommodations

Adirondack Shelters  
 Airfields USE Airports  
 Airports UF Airfields  
 Amphitheaters USE Outdoor Theaters  
 Amusement Parks  
 Aquariums  
 Arboretums  
 Archery Courses  
 Camping Areas  
 Demonstration Areas  
 Hunting Areas  
 Lunch Areas  
 Scenic Areas  
 Snowplay Areas  
 Wayside Areas  
 Wilderness Areas  
 Historical Areas and Sites  
 Arenas  
 Art Museums and Galleries  
 Artistic Facilities  
 Athletic Fields  
 Badminton Courts  
 Ballgame Facilities  
 Bandstands  
 Barbecues USE Fireplaces and Grills  
 Base Camps  
 Baseball Diamonds  
 Basketball Courts  
 Bathhouses  
 Beaches  
 Swimming Beaches  
 Bicycle Trails  
 Duck Blinds  
 Boat Docks  
 Boat Launching Ramps  
 Boathouses  
 Boating Sites  
 Cruise Boats and Ships  
 Bobsled Runs  
 Bowling Greens  
 Bridle Trails  
 Ski Patrol Buildings  
 Combination Buildings  
 Rental Cabins UF Cottages  
 Campgrounds  
 Overflow Campgrounds  
 Camping Areas  
 Camping Space UF Family Units  
 Base Camps  
 Day Camps  
 Group Camps UF Organization Camps; Youth  
 Camps

Organization Camps    USE Group Camps  
     Trailer Camps  
     Youth Camps    USE Group Camps  
         Canoe Trails  
     Cultural Centers  
     Nature Centers  
     Recreation Centers  
     Visitor Centers  
         Clubhouses  
         Colonies    USE Recreation Communities  
         Combination Buildings  
 Recreation Communities    UF Colonies  
     Cottages    USE Rental Cabins; Vaca-  
                 tion Homes  
     Archery Courses  
     Golf Courses  
     Badminton Courts  
     Basketball Courts  
     Handball Courts  
     Horseshoe Courts  
     Shuffleboard Courts  
     Tourist Courts    USE Motels  
     Volleyball Courts  
         Cruise Boats and Ships  
         Cultural Centers  
         Dance Pavilions  
         Day Camps  
         Demonstration Areas  
     Roadside Developments  
     Baseball Diamonds  
     Softball Diamonds  
         Boat Docks  
         Docks and Piers    UF Wharfs  
     Golf Driving Ranges  
     Duck Blinds  
     Dude Ranches  
 Photographic Essays  
     Exhibits  
 Touring and Exploring Facilities  
     Expressways    USE Highways  
     Artistic Facilities  
     Ballgame Facilities  
 Hunting and Fishing Facilities  
     Interpretive Facilities  
     Marksmanship Facilities  
     Nature Study Facilities  
     Outdoor Living Facilities  
     Recreational Facilities  
     Spectator Facilities  
 Touring and Exploring Facilities  
     Track and Field Facilities

Vehicular Facilities  
     Fairs  
     Family Units   USE Camping Space  
     Farm Lands    USE Farms  
     Farms   UF Farm Lands; Vacation Farms  
     Game Farms  
     Vacation Farms   USE Farms  
 Track and Field Facilities  
     Athletic Fields  
     Football Fields  
     Hockey Fields  
         Fireplaces and Grills   UF Grills;  
             Stoves  
         Fish Hatcheries  
 Hunting and Fishing Facilities  
     Fishing Lakes   UF Fishing Ponds  
     Fishing Ponds   USE Fishing Lakes  
     Floats  
     Foot Trails  
     Football Fields  
     Freeways   USE Highways  
 Art Museums and Galleries  
     Game Farms  
     Game Preserves  
     Gardens  
     Golf Courses  
     Golf Driving Ranges  
     Sporting Goods Stores  
     Bowling Greens  
         Grills   USE Fireplaces and Grills  
 Fireplaces and Grills   UF Grills; Stoves  
     Group Camps   UF Organization Camps;  
         Youth Camps  
     Guide Services  
     Tour Guides  
     Handball Courts  
     Fish Hatcheries  
         Highways   UF Expressways; Freeways  
         Historical Areas and Sites  
         Historic Parks and Restorations  
         Historic Trails  
         Hockey Fields  
     Mobile Homes  
     Second Homes   USE Vacation Homes  
 Vacation Homes   UF Second Homes  
     Horseshoe Courts  
     Hostels  
     Hotels  
     Private Housing  
         Hunting and Fishing Facilities  
         Hunting Areas  
         Hunting Preserves

Ice Skating Rinks  
 Impoundments  
 Inclined Railways USE Tramways and  
     Lifts  
 Interpretive Facilities  
 Interpretive Talks UF Lectures  
 Ski Jumps  
     Kitchen Shelters  
 Fishing Lakes UF Fishing Ponds  
     Farm Lands USE Farms  
     Boat Launching Ramps  
         Lectures USE Interpretive Talks  
 Tramways and Lifts UF Inclined Railways; Lifts;  
     Teleferiques  
     Ski Lifts and Tows  
 Outdoor Living Facilities  
     Lodges UF Ski Lodges  
 Ski Lodges USE Lodges  
     Lodgings UF Accommodations  
     Lookout Towers USE Observation  
         Towers  
     Lunch Areas  
     Marinas  
 Trail Markers  
     Marksmanship Facilities  
     Mobile Homes  
     Motels UF Tourist Courts  
     Motorbike Trails  
     Museums  
 Art Museums and Galleries  
     National Parkways  
     Nature Centers  
     Nature Study Facilities  
     Nature Trails  
     Neighborhood Playgrounds  
     Observation Towers UF Lookout Towers  
     Observatories  
     Organization Camps USE Group Camps  
     Outdoor Living Facilities  
     Outdoor Theaters  
     Overflow Campgrounds  
     Overlooks  
     Parks  
 Amusement Parks  
 Historic Parks  
     Parkways  
 National Parkways  
     Ski Patrol Buildings  
     Dance Pavilions  
     Photographic Essays  
     Picnic Shelters  
     Picnic Units



Piers  
 Docks and Piers UF Wharfs  
 Playfields  
 Neighborhood Playgrounds  
 Fishing Ponds USE Fishing Lakes  
 Pools  
 Spray Pools  
 Swimming Pools  
 Wading Pools  
 Portage Trails  
 Game Preserves  
 Hunting Preserves  
 Private Housing  
 Racetracks  
 Rafts  
 Inclined Railways USE Tramways and Lifts  
 Scenic Railways  
 Boat Launching Ramps  
 Dude Ranches  
 Golf Driving Ranges  
 Shooting Ranges  
 Target Ranges  
 Recreation Centers  
 Recreation Communities UF Colonies  
 Recreational Facilities  
 Wildlife Refuges  
 Rental Cabins UF Cottages  
 Residence Sites  
 Resorts UF Spas  
 Winter Resorts  
 Historic Parks and Restorations  
 Riding Stables  
 Ice Skating Rinks  
 Roller Skating Rinks  
 Show Rings  
 Skating Rinks  
 Roads  
 Access Roads  
 Scenic Roads  
 Roadside Developments  
 Roller Skating Rinks  
 Bobsled Runs  
 Toboggan Runs  
 Scenic Areas  
 Scenic Railways  
 Scenic Roads  
 Seasonal Accommodations  
 Second Homes USE Vacation Homes  
 Guide Services  
 Adirondack Shelters  
 Kitchen Shelters  
 Picnic Shelters

Trailside Shelters  
 Cruise Boats and Ships  
     Shooting Ranges  
     Show Rings  
     Shuffleboard Courts  
     Signs  
     Boating Sites  
 Historical Areas and Sites  
     Residence Sites  
     Winter Sports Sites  
         Skating Rinks  
         Ice Skating Rinks  
         Roller Skating Rinks  
         Ski Jumps  
         Ski Lifts and Tows  
         Ski Lodges USE Lodges  
         Ski Patrol Buildings  
         Ski Slopes  
         Skiing Trails  
         Ski Slopes  
         Snowmobile Trails  
         Snowplay Areas  
         Softball Diamonds  
     Camping Space UF Family Units  
     Tent Spaces  
     Trailer Spaces  
         Spectator Facilities  
         Sporting Goods Stores  
         Water Sports Facilities  
         Winter Sports Facilities  
         Winter Sports Sites  
         Spray Pools  
     Riding Stables  
     Sporting Goods Stores  
         Stoves USE Fireplaces and Grills  
     Nature Study Facilities  
         Swimming Beaches  
         Swimming Pools  
         Tables  
     Interpretive Talks UF Lectures  
         Target Ranges  
         Teleferiques USE Tramways and Lifts  
         Television  
         Tent Spaces  
     Outdoor Theaters  
         Theme Villages  
         Toboggan Runs  
         Tour Guides  
         Touring and Exploring Facilities  
         Tourist Courts USE Motels  
         Lookout Towers USE Observation Towers  
     Observation Towers UF Lookout Towers

Vista Towers USE Observation Towers  
 Ski Lifts and Tows  
 Track and Field Facilities  
 Trail Markers  
 Trailer Camps  
 Trailer Spaces  
 Trails  
 Bicycle Trails  
 Bridle Trails  
 Canoe Trails  
 Foot Trails  
 Historic Trails  
 Motorbike Trails  
 Nature Trails  
 Portage Trails  
 Skiing Trails  
 Snowmobile Trails  
 Trailside Shelters  
 Tramways and Lifts UF Inclined Rail-  
 Ways; Lifts; Teleferiques  
 Family Units USE Camping Space  
 Picnic Units  
 Vacation Farms USE Farms  
 Vacation Homes UF Second Homes  
 Vehicular Facilities  
 Theme Villages  
 Visitor Centers  
 Vista Towers USE Observation Towers  
 Volleyball Courts  
 Wading Pools  
 Water Sports Facilities  
 Wayside Areas  
 Wharfs USE Docks and Piers  
 Wilderness Areas  
 Wildlife Refuges  
 Winter Resorts  
 Winter Sports Facilities  
 Winter Sports Sites  
 Yearlong Accommodations  
 Youth Camps USE Group Camps  
 Zoos

FACTORS AFFECTING USE

Accessibility of Opportunities  
 Factors Affecting Use  
 Affluence  
 Appreciation  
 Areal Distributions USE Geographical  
 Distributions

Awareness  
 Population Characteristics  
 User Characteristics  
 Philosophical Concepts  
 Social Conditions  
 Congestion USE Crowding  
 Crowding UF Congestion  
 Culture  
 High Density Population  
 Low Density Population  
 Medium Density Population  
 Population Distribution  
 Areal Distributions USE Geographical Dis-  
 tributions  
 Geographical Distributions UF Areal Distribution;  
 Spatial Distribution  
 Spatial Distribution USE Geographical Dis-  
 tributions  
 Driving Time  
 Economics  
 Political Economy  
 Education  
 Equipment Ownership Ratios  
 Factors Affecting Use  
 Family and Kinship  
 Historical Foundations  
 Free Time USE Leisure  
 Geographical Distributions UF Areal  
 Distributions; Spatial Dis-  
 tributions  
 Government  
 National Heritage  
 High Density Population  
 Historical Foundations  
 Human Values  
 Institutions of Society  
 Spatial Interactions  
 Family and Kinship  
 Laws  
 Legal Procedures  
 Leisure UF Free Time  
 Leisure Styles  
 Location  
 Low Density Population  
 Mass Media  
 Mass Media  
 Medium Density Population  
 Motivation  
 National Heritage  
 Accessibility of Opportunities  
 Ownership of Recreation Opportunities  
 Supply of Recreational Opportunities

Ownership of Recreation Opportunities  
 Equipment Ownership Ratios  
 Perception  
 Philosophical Concepts  
 Political Economy  
 Politics  
 High Density Population  
 Low Density Population  
 Medium Density Population  
 Population Characteristics  
 Population Distribution  
 Racial and Religious Prejudice  
 Legal Procedures  
 Proximity  
 Public Relations  
 Racial and Religious Prejudice  
 Equipment Ownership Ratios  
 Recreation  
 Ownership of Recreation Opportunities  
 Supply of Recreational Opportunities  
 Public Relations  
 Religions  
 Racial and Religious Prejudice  
 Social Conditions  
 Institutions of Society  
 Spatial Distributions USE Geographi-  
 cal Distributions  
 Spatial Interactions  
 Leisure Styles  
 Supply of Recreational Opportunities  
 Driving Time  
 Free Time USE Leisure  
 Traditions  
 Transportation  
 Trends  
 Urbanization  
 Factors Affecting Use  
 User Characteristics  
 Human Values  
 Welfare  
 Work

# FINANCING

Ability to Pay  
 Financial Analysis  
 Appropriations  
 Assets  
 Liquid Assets

Financial Assistance Programs  
 Migratory Bird Hunting Stamps  
     Boat Rentals  
     Bonds  
     Break-Even Point  
     Budgeting  
     Capital Costs  
     Capital Sources  
     Equity Capital USE Stocks  
     Private Capital  
         Capitalization  
         Capitalization Rates  
         Capitalized Values  
         Cash UF Money  
         Cash Flow  
 Traveler's Checks  
     Collateral  
     Contingency Costs  
     Cost Recovery UF Cost Repayment  
     Cost Repayment USE Cost Recovery  
     Cost Sharing  
 Acquisition Costs  
     Capital Costs  
 Contingency Costs  
     Credit Costs USE Interest  
 Development Costs  
     Credit  
     Credit Costs USE Interest  
     Credit Programs  
     Credit Restrictions  
     Debt  
     Development Costs  
     Entrance Fees  
     Equity Capital USE Stocks  
     Fees  
 Entrance Fees  
 Grazing Fees  
 Guide Fees  
 Tour Fees  
 User Fees  
     Financial Analysis  
     Financial Assistance Programs  
     Financial Programming  
     Financing  
     Cash Flow  
     Funding  
 Sinking Funds  
     Grant Programs  
     Grazing Fees  
     Guaranteed Loan Programs  
     Guide Fees

Interest  
Recreation Leases  
Personal Licenses  
Liquid Assets  
Guaranteed Loan Programs  
Loans  
Migratory Bird Hunting Stamps  
Money USE Cash  
Ability to Pay  
Willingness to Pay  
Personal Licenses  
Break-Even Point  
Principal  
Private Capital  
Profits  
Financial Programming  
Credit Programs  
Financial Assistance Programs  
Grant Programs  
Guaranteed Loan Programs  
Capitalization Rates  
Rental Receipts  
Cost Recovery UF Cost Repayment  
Recreation Leases  
Reimbursement USE Repayment  
Rental Receipts  
Boat Rentals  
Repayment UF Reimbursement  
Cost Repayment USE Cost Recovery  
Credit Restrictions  
Revenue Sources  
Risk  
Cost Sharing  
Sinking Funds  
Capital Sources  
Revenue Sources  
Migratory Bird Hunting Stamps  
Stocks UF Equity Capital  
Taxes  
Tour Fees  
Transportation Fares  
Traveler's Checks  
User Fees  
Capitalized Values  
Willingness to Pay

GENERAL ADMINISTRATION

Administration  
Administrative Programs

Administrative Regulations  
 Advertising  
 Direct Mail Advertising  
 Magazine Advertising  
 Newspaper Advertising  
 Outdoor Advertising UF Billboards  
 Aesthetics vs Utility  
 Financial Assistance Programs  
 Technical Assistance Programs  
 Benefits to Society vs to Individuals  
 Billboards USE Outdoor Advertising  
 Bureaucracy  
 Intra-Organizational Conflicts  
 Controversial Issues  
 Coordination  
 Coordination Programs  
 Credit Programs  
 Criteria  
 Criteria Development  
 Criteria for Policies  
 Criteria Selection  
 Decision-Making  
 Responsibility Designations  
 Management Desires  
 Visitor Desires  
 Criteria Development  
 Direct Mail Advertising  
 Ecological Impacts  
 Economic Impacts  
 Training and Education Programs  
 Health Effects  
 Social Effects  
 Federal Grants  
 Travel Films  
 Financial Assistance Programs  
 Foundation Grants  
 Administrative Functions and Levels  
 Grant Programs  
 Federal Grants  
 Foundation Grants  
 State Grants  
 Special Interest Groups  
 Health and Safety Guidelines  
 Management Guidelines  
 Health and Safety Guidelines  
 Health Effects  
 Problem Identification and Specification  
 Ecological Impacts  
 Economic Impacts  
 Policy Implementation  
 Benefits to Society vs to Individuals



Information Programs  
 Special Interest Groups  
 Intra-Organizational Conflicts  
 Controversial Issues  
 Policy Issues  
 Administrative Functions and Levels  
 Local Residents vs Non-Local Residents  
 Magazine Advertising  
 Direct Mail Advertising  
 Operation and Maintenance  
 Problems of Management  
 Management Desires  
 Management Guidelines  
 Management Objectives  
 Resource Management Programs  
 Market Surveys  
 Promotion and Marketing UF Publicity  
 Marketing Techniques  
 National Tourist Offices  
 Satisfaction of Needs  
 Newspaper Advertising  
 Local Residents vs Non-Local Residents  
 Management Objectives  
 Selection of Objectives  
 National Tourist Offices  
 Operation and Maintenance  
 Organization Philosophies  
 Outdoor Advertising UF Billboards  
 Organization Philosophies  
 Policies  
 Criteria for Policies  
 Policy Implementation  
 Policy Issues  
 Policy Translation  
 Policy-Making Process  
 Power Structure  
 Preference Surveys USE Market Surveys  
 Preservation vs Utilization  
 Public Sector vs Private Sector  
 Problem Identification and Specification  
 Problems of Management  
 Policy-Making Process  
 Administrative Programs  
 Coordination Programs  
 Credit Programs  
 Financial Assistance Programs  
 Grant Programs  
 Information Programs  
 Recreation Programs  
 Regulatory Programs  
 Research Programs

Resource Management Programs  
 Technical Assistance Programs  
 Training and Education Programs  
     Promotion and Marketing UF Pub-  
         licity  
     Promotional Techniques  
     Public Sector vs Private Sector  
     Publicity USE Promotion and Market-  
         ing  
     Quality vs Quantity  
 Quality vs Quantity  
     Recreation Programs  
 Administrative Regulations  
     Regulatory Programs  
     Research Programs  
     Local Residents vs Non-Local Residents  
     Resource Management Programs  
     Responsibility Designations  
 Health and Safety Guidelines  
     Satisfaction of Needs  
     Public Sector vs Private Sector  
 Criteria Selection  
     Selection of Objectives  
     Social Effects  
 Benefits to Society vs to Individuals  
     Special Interest Groups  
 Problem Identification and Specification  
     State Grants  
     Power Structure  
     Market Surveys UF Preference Surveys  
 Preference Surveys USE Market Surveys  
     Technical Assistance Programs  
     Marketing Techniques  
 Promotional Techniques  
     National Tourist Offices  
     Training and Education Programs  
     Policy Translation  
     Travel Films  
     Aesthetics vs Utility  
 Preservation vs Utilization  
     Visitor Desires

#### HISTORICAL AND CULTURAL RESOURCES

American History  
 Archeology  
 Metropolitan Areas  
     Natural Areas  
     Urban Areas

Historical Areas and Sites  
     Art Museums and Galleries  
     Artifacts  
     Arts and Crafts  
     Athletic Competitions USE Tournam-  
         ments  
     Barracks  
     Battlefields  
 Railroad Beds  
     Blacksmith Shops  
     Covered bridges  
     Roads and Bridges  
 Government Buildings  
     Burial Grounds and Graves  
     Business Offices  
     Lumber Camps  
     Mining Camps  
     Indian Campsites  
     Canals  
     Cemeteries and Graves  
     Cultural Centers  
     Eighteenth Century and Earlier History  
     Nineteenth Century History  
     Twentieth Century History  
     Coke and Charcoal Kilns  
     Churches  
     Coke and Charcoal Kilns  
     Athletic Competitions USE Tournaments  
     Covered Bridges  
     Arts and Crafts  
     Cultural Centers  
     Cultural Resources  
     Historical and Cultural Resources  
     Cultures  
     Eighteenth Century and Earlier History  
     Eighteenth Century and Earlier His-  
         tory  
     Steam Engines  
     Musical Events  
     Exhibitions UF Fairs; Festivals;  
         Pageants  
     Factory and Industrial Tours  
     Fairs USE Exhibitions  
     Pioneer Farms  
     Festivals USE Exhibitions  
     Forts  
     Historical Foundations  
     Art Museums and Galleries  
     Olympic Games  
     Ghost Towns  
     Government Buildings  
     Burial Grounds and Graves

Cemeteries and Graves  
     Greenbelts  
     Burial Grounds and Graves  
     National Heritage  
         Historic Parks and Restorations  
         Historic Resources  
         Historical and Cultural Resources  
         Historical Areas and Sites  
         Historical Foundations  
         Historical Markers  
     American History  
 Eighteenth Century and Earlier History  
     Nineteenth Century History  
     Twentieth Century History  
         Homes  
         Hotels  
         Opera Houses  
         Human Values  
         Indian Campsites  
         Indian Village Sites  
     Factory and Industrial Tours  
 Coke and Charcoal Kilns  
     Local Legends  
         Libraries  
         Local Legends  
         Location  
         Lumber Camps  
     Historical Markers  
     Plays and Melodramas  
         Metropolitan Areas  
         Military Reservations  
         Mills  
         Mineral Smelters  
         Mines  
         Mining Camps  
         Museums  
     Art Museums and Galleries  
         Musical Events  
         National Heritage  
         Natural Areas  
         Nineteenth Century History  
     Business Offices  
         Olympiad USE Olympic Games  
         Olympic Games UF Olympiad  
         Open Space  
         Opera Houses  
         Organizations  
         Pageants USE Exhibitions  
     Historic Parks and Restorations  
         Petroglyphs and Pictographs  
 Petroglyphs and Pictographs  
     Pioneer Farms

Pioneer Villages  
 Plays and Melodramas  
 Trading Posts  
 Railroad Beds  
 Railroad Stations  
 Railroad Tunnels  
 Religious Sites  
 Military Reservations  
 Archeological Resources  
 Cultural Resources  
 Historic Resources  
 Historical and Cultural Resources  
 Historic Parks and Restorations  
 Wagon and Stage Roads  
 Roads and Bridges  
 Sawmills  
 Schools  
 Scientific Sites  
 Blacksmith Shops  
 Historical Areas and Sites  
 Indian Village Sites  
 Religious Sites  
 Scientific Sites  
 Mineral Smelters  
 Open Space  
 Wagon and Stage Roads  
 Railroad Stations  
 Steam Engines  
 Taverns  
 Theaters  
 Tournaments UF Athletic Competition  
 Factory and Industrial Tours  
 Ghost Towns  
 Townscape  
 Trading Posts  
 Trends  
 Railroad Tunnels  
 Twentieth Century History  
 Urban Areas  
 Human Values  
 Indian Village Sites  
 Pioneer Villages  
 Wagon and Stage Roads

# HUMAN VALUES AND PHILOSOPHIES

Aesthetic Values  
 Aesthetics  
 Appreciation  
 Management Attitudes

Natural Beauty  
     Beneficial Uses  
     Benefits to Individuals  
     Benefits to Society  
     Citizen Responsibilities  
 Enrichment of Community Living  
 Philosophical Concepts  
     Conservation  
     Creative Values  
     Drugs USE Narcotics  
     Economic Impacts  
     Educational Values  
     Health Effects  
     Mental Effects  
     Moral Effects  
     Physical Effects  
     Political Effects  
     Social Effects  
         Effects on Users and Society  
         Enrichment of Community Living  
         Enrichment of Family Living  
         Enrichment of Personal Living  
         Environmental Quality  
         Ethics  
         Excitement  
         Experience  
 Enrichment of Family Living  
     Family Participation  
     Physical Fitness  
     Historical Foundations  
     Mental Health  
         Health Effects  
         Historical Foundations  
         Human Values  
     Economic Impacts  
     Benefits to Individuals  
     Renewal of Inner Resources  
         Inspirational Values  
 Perception of Landscape  
     Leisure  
 Enrichment of Community Living  
     Enrichment of Family Living  
     Enrichment of Personal Living  
         Management Attitudes  
     Value Measurement  
         Mental Effects  
         Mental Health  
         Moral Effects  
         Moral Values  
         Multiple Use  
         Narcotics UF Drugs

Natural Beauty  
 Satisfaction of Needs UF Self-Fulfillment  
 Family Participation  
 Perception of Landscape  
 Enrichment of Personal Living  
 Renewal of Personal Resources  
 Philosophical Concepts  
 Philosophies of Recreation  
 Philosophies of Resource Use  
 Physical Effects  
 Physical Fitness  
 Physical Values  
 Pleasure  
 Political Effects  
 Pollution  
 Preservation of Resources  
 Psychological Values  
 Environmental Quality  
 Quality of Resources  
 Quantity of Resources  
 Philosophies of Recreation  
 Relaxation  
 Renewal of Inner Resources  
 Renewal of Personal Resources  
 Philosophies of Resource Use  
 Preservation of Resources  
 Quality of Resources  
 Quantity of Resources  
 Renewal of Inner Resources  
 Renewal of Personal Resources  
 Citizen Responsibilities  
 Satisfaction of Needs UF Self-Fulfillment  
 Scientific Values  
 Self-Fulfillment USE Satisfaction of Needs  
 Single Use  
 Social Effects  
 Social Values  
 Benefits to Society  
 Effects on Users and Society  
 Townscape  
 Tranquillity  
 Trends  
 Multiple Use  
 Philosophies of Resource Use  
 Single Use  
 Effects on Users and Society  
 Beneficial Uses  
 Utility  
 Utilization

Value Measurement  
 Aesthetic Values  
 Creative Values  
 Educational Values  
 Human Values  
 Inspirational Values  
 Moral Values  
 Physical Values  
 Psychological Values  
 Scientific Values  
 Social Values

# IDENTIFICATION OF RECREATIONAL OPPORTUNITIES

Accessibility  
 Landscape Analysis  
 Recreational Resource Analysis USE Suitability of Resource  
 Attraction Development Base  
 Attraction Indexes  
 Attraction Development Base  
 Carrying Capacities  
 Designed Capacities  
 Social Carrying Capacities  
 Carrying Capacities  
 Social Carrying Capacities  
 Classifications of Resources  
 Condition of Resources  
 Designed Capacities  
 Attraction Development Base  
 Development Opportunities  
 Attraction Indexes  
 Inventories  
 Landscape Analysis  
 Maps  
 Development Opportunities  
 Potential Recreational Opportunities  
 Supply of Recreational Opportunities  
 Aerial Photographs  
 Potential Recreational Opportunities  
 Quality of Resources  
 Quantity of Resources  
 Potential Recreational Opportunities  
 Supply of Recreational Opportunities  
 Recreational Resource Analysis USE  
 Suitability of Resources  
 Recreational Resource Analysis USE Suitability  
 of Resources  
 Classifications of Resources



Condition of Resources  
Quality of Resources  
Quantity of Resources  
Suitability of Resources  
Uniqueness of Resources  
Sites  
Social Carrying Capacities  
Suitability of Resources  
Supply of Recreational Opportunities  
Surveys  
Uniqueness of Resources  
Variety

INFORMATION SOURCES

Abstracts  
Aerial Photographs  
Atlases  
Data Banks  
Bibliographies  
Biographies  
Case Studies  
Classification Systems  
Classifications of Resources  
Special Collections  
Data Banks  
Definitions  
Dictionaries  
Directories  
Documentation  
Encyclopedias  
Files  
Glossaries  
Handbooks and Manuals  
Legislative Hearings  
Indexes  
Supporting Information  
Sources of Information UF Reference Materials  
Information Systems UF Literature  
Retrieval Services; Retrieval  
Services  
Interviews USE Surveys  
Legislative Hearings  
Legislative Reports  
Libraries  
Literature Retrieval Services USE  
Information Systems  
Handbooks and Manuals  
Maps

Topographic Maps  
 Market Surveys UF Preference  
 Surveys  
 Proceedings of Meetings  
 Scientific Method USE Research Process  
 Periodicals  
 Photographs  
 Aerial Photographs  
 Polls USE Surveys  
 Preference Surveys USE Market Surveys  
 Proceedings of Meetings  
 Questionnaires USE Surveys  
 Registrations  
 Administrative Regulations  
 Legislative Reports  
 Reports  
 Research  
 Classifications of Resources  
 Retrieval Information Systems UF  
 Literature Retrieval Ser-  
 vices  
 Literature Retrieval Services USE Information  
 Systems  
 Retrieval Services USE Information  
 Systems  
 Scientific Method USE Research Pro-  
 cess  
 Retrieval Services USE Information Systems  
 Literature Retrieval Services USE Information Systems  
 Sources of Information UF Reference  
 Materials  
 Special Collections  
 Speeches  
 Studies  
 Case Studies  
 Supporting Information  
 Surveys UF Polls; Interviews; Quest-  
 ionnaires  
 Market Surveys UF Preference Surveys  
 Preference Surveys USE Market Surveys  
 Transportation Surveys  
 Classification Systems  
 Information Systems UF Literature Retrieval Ser-  
 vices; Retrieval Services  
 Thesauri  
 Topographic Maps  
 Transportation Surveys

# LAWS AND LEGAL PROCEDURES

Contract Administration  
Administrative Procedures  
Administrative Regulations  
International Treaties and Agreements  
Treaties and International Agreements  
Air Rights  
Appellate Procedures  
Appropriations  
Civil Rights  
Contract Claims  
Tort Claims  
Condemnation USE Eminent Domain  
Constitutions  
Constitutions and Organic Acts  
Contract Administration  
Contract Claims  
Contract Liability  
Contract Rights  
County Ordinances  
Criminal Liability  
Criminal Procedures  
Judicial Decisions  
Development Rights  
Eminent Domain UF Condemnation  
Drainage Easements  
Easements  
Drainage Easements  
Planting Easements  
Flooding Easements  
Scenic Easements  
Utility Easements  
Eminent Domain UF Condemnation  
Employment  
Enabling Legislation  
Evidence in Litigations  
Executive Orders  
Federal Statutes  
Fee Rights  
Flooding Easements  
Foreign National and Provincial Legislation  
Legislative Hearings  
Insurance  
Treaties and International Agreements  
International Treaties and Agreements  
Judicial Decisions  
Sources of Law  
Laws and Legal Procedures  
Leases  
Recreation Leases  
Legal Liability

Laws and Legal Procedures  
     Legal Procedures and Remedies  
     Legal Rights  
     Legislation  
         Enabling Legislation  
 Foreign National and Provincial Legislation  
     Purposes of Legislation  
     Regulatory Legislation  
         Tax Legislation  
             Legislative Hearings  
             Legislative Procedures  
             Legislative Reports  
             Legislative Rules  
     Contract Liability  
     Criminal Liability  
         Legal Liability  
         Tax Liability  
         Tort Liability  
     Personal Licenses  
         Licenses and Use Permits  
         Litigation  
     Evidence in Litigations  
         Local Ordinances  
         Municipal Ordinances  
         Foreign National and Provincial Legislation  
     Executive Orders  
         County Ordinances  
         Local Ordinances  
         Municipal Ordinances  
     Statutes and Ordinances  
     Constitutions and Organic Acts  
     Licenses and Use Permits  
         Personal Permits  
             Personal Licenses  
             Personal Permits  
             Personal Rights  
             Personal Services  
             Planting Easements  
             Probate Proceedings  
     Adjudication Procedures  
     Administrative Procedures  
         Appellate Procedures  
         Criminal Procedures  
     Laws and Legal Procedures  
         Legislative Procedures  
             Legal Procedures and Remedies  
         Probate Proceedings  
             Property Rights  
     Foreign National and Provincial Legislation  
         Purposes of Legislation  
         Recreation Leases  
     Administrative Regulations

Special-District Regulations  
Zoning Regulations  
Regulatory Legislation  
Legal Procedures and Remedies  
Legislative Reports  
Air Rights  
Civil Rights  
Contract Rights  
Development Rights  
Fee Rights  
Legal Rights  
Personal Rights  
Property Rights  
Riparian Rights  
Rights of Way  
Rights to Sue  
Riparian Rights  
Legislative Rules  
Sales  
Scenic Easements  
Personal Services  
Sources of Law  
Special-District Regulations  
State Statutes  
Federal Statutes  
State Statutes  
Statutes and Ordinances  
Rights to Sue  
Tax Legislation  
Tax Liability  
Tort Claims  
Tort Liability  
International Treaties and Agreements  
Treaties and International Agreements  
Tribunals  
Licenses and Use Permits  
Utility Easements  
Rights of Way  
Zoning Regulations

NATURAL RESOURCES

Anadromous Fish  
Animals  
Antelopes  
Natural Bridges and Arches  
Autumn  
Avalanches  
Balanced Rocks

River Basins  
     Bass  
     Bathing Beaches USE Beaches  
     Beaches UF Bathing Beaches  
 Bathing Beaches USE Beaches  
     Soil Bearing Capacities  
     Bears  
     Beautification  
 Natural Beauty  
     Bighorn Sheep  
     Birds  
     Game Birds  
 Migratory Birds  
 Predatory Birds  
     Shore Birds  
     Song Birds  
     Bluefish  
     Boating Waters  
     Bogs USE Wetlands  
 Natural Bridges and Arches  
     Cacti  
     Canals  
     Canyons  
     Soil Capabilities  
 Soil Bearing Capacities  
     Cascades USE Rapids  
     Castle Rocks  
     Catfish  
     Caves  
     Soil Characteristics  
     Clays  
     Climate  
     Coastlines USE Shorelines  
     Comfort Factors  
 Forests (Tree Communities)  
 Ranges (Plant Communities)  
     Pollution Control  
     Ground Covers  
     Dams  
     Deciduous Trees  
     Deer  
 Resource Descriptions  
     Deserts  
     Doves  
     Ducks  
     Dunes  
     Elk  
     Endangered Species  
     Environment UF Milieu  
     Environmental Quality  
     Estuaries  
     Evergreen Trees

Comfort Factors  
     Falcons  
     Ferns  
     Fish  
 Anadromous Fish  
 Freshwater Fish  
     Saltwater Fish  
         Fisheries  
         Float Rivers USE Scenic Rivers  
         Flood Plains  
         Flowers  
         Free Flowing Rivers USE Wild Rivers  
         Lava Flows  
         Flyways  
         Fog  
         Forests (Tree Communities)  
 Geological Formations  
 Outstanding Rock Formations  
     Fossils  
     Foxes  
     Free Flowing Rivers USE Wild Rivers  
     Freshwater Fish  
     Game USE Wildlife  
     Game Birds  
     Geese  
     Gems  
     Geological Formations  
     Geological Resources  
     Glacial Remains  
     Glaciers  
     Grasses  
     Gravels  
     Ground Covers  
     Grouse  
     Herbs  
 Sink Holes  
     Horses  
     Hot Springs  
     Injurious Insects UF Mosquitos  
     Insects  
 Injurious Insects UF Mosquitos  
     Islands  
     Lagoons  
     Lakes  
     Lakeshores USE Shorelines  
 Riparian Lands USE Shorelines  
     Landscape  
     Landslides  
     Lava Flows  
     Lichens  
 Mountain Lions  
 Loams

Lynx  
 Mammals  
 Marine Mammals  
 Marine Mammals  
 Marshes USE Wetlands  
 Migratory Birds  
 Milieu USE Environment  
 Minerals  
 Moose  
 Mosquitos USE Injurious Insects  
 Mosses  
 Mountain Lions  
 Mountains  
 National Wild and Scenic Rivers  
 Natural Beauty  
 Natural Bridges and Arches  
 Natural Resources UF Resources;  
 Physiography  
 Oceans and Seas  
 Open Spaces  
 Otters  
 Outstanding Rock Formations  
 Soil Permeabilities  
 Pheasants  
 Physiography USE Natural Resources  
 Pike  
 Flood Plains  
 Ranges ( Plant Communities)  
 Plants USE Vegetation  
 Vista Points  
 Pollution Control  
 Ponds  
 Predatory Birds  
 Soil Productivities  
 Quail  
 Environmental Quality  
 Rabbits  
 Raccoons  
 Rain  
 Ranges (Plant Communities)  
 Rapids UF Cascades; Whitewater  
 Glacial Remains  
 Reservoirs  
 Resource Descriptions  
 Resources USE Natural Resources;  
 Historical and Cultural  
 Resources  
 Geological Resources  
 Natural Resources UF Resources; Physiograph  
 Water Resources  
 Riparian Lands USE Shorelines



River Basins  
 Rivers  
 Float Rivers USE Scenic Rivers  
 Free Flowing Rivers USE Wild Rivers  
 National Wild and Scenic Rivers  
 Scenic Rivers UF Float Rivers  
 Wild Rivers UF Free Flowing Rivers  
 Outstanding Rock Formations  
 Rockfish  
 Balanced Rocks  
 Castle Rocks  
 Sailfish  
 Salmon  
 Saltwater Fish  
 Sands  
 Scenic Rivers UF Float Rivers  
 National Wild and Scenic Rivers  
 Seals  
 Oceans and Seas  
 Seashores USE Shorelines  
 Seasons  
 Bighorn Sheep  
 Shore Birds  
 Shorelines UF Coastlines; Lakeshores;  
 Riparian Lands; Seashores  
 Shrubs  
 Silts  
 Sink Holes  
 Smog USE Air Pollution  
 Snow  
 Soil Bearing Capacities  
 Soil Capabilities  
 Soil Characteristics  
 Soil Permeabilities  
 Soil Productivities  
 Soil Stabilities  
 Soil Textures  
 Soil Trafficabilities  
 Soils  
 Song Birds  
 Open Space  
 Endangered Species  
 Spring  
 Springs  
 Hot Springs  
 Squirrels  
 Soil Stabilities  
 Stones  
 Storms  
 Streams  
 Summer  
 Sunshine

Swamps USE Wetlands  
 Swordfish  
 Temperature  
 Soil Textures  
 Topography  
 Soil Trafficabilities  
 Forests ( Tree Communities)  
 Trees  
 Deciduous Trees  
 Evergreen Trees  
 Trout  
 Turfs  
 Turkey  
 Upland Birds  
 Vacationscape  
 Valleys  
 Vegetation  
 Vista Points  
 Volcanoes  
 Walrus  
 Water Resources  
 Waterfalls  
 Waterfowl  
 Boating Waters  
 Watersheds  
 Weather  
 Wetlands UF Bogs; Marshes; Swamps  
 Whales  
 Whitewater USE Rapids  
 National Wild and Scenic Rivers  
 Wild Rivers UF Free Flowing Rivers  
 Wildcats  
 Wildlife UF Game  
 Wind  
 Winter  
 Wolves  
 Woodcocks

#### PERSONNEL AND VISITOR MANAGEMENT

Accident Prevention  
 Administrative Personnel  
 Adverse Uses UF Misuses  
 Advisory Committees  
 First Aid  
 Job Analyses  
 Recreation Attendants  
 Boards or Commissions  
 Career Standards

Park Caretakers  
 Senior Park Caretakers  
 Information Centers USE Visitor Service Centers  
 Visitor Service Centers UF Information Centers  
 Clerical Personnel  
 Coaches UF Trainers  
 Safety Codes  
 Boards or Commissions  
 Advisory Committees  
 Communications  
 Meetings and Conferences UF Congresses and Con-  
 ventions  
 Congresses and Conventions USE Meet-  
 ings and Conferences  
 Congresses and Conventions USE Meetings and Con-  
 ferences  
 Job Descriptions  
 Direct Leadership  
 Directors of Parks  
 Directors of Recreation  
 Directors of Recreation and Parks  
 District Recreation Supervisors  
 Education  
 Visitor Education  
 Student Park Employees  
 Law Enforcement  
 Entrepreneurs  
 Environmental Health  
 Safety Equipment  
 Interpretive Facilities  
 First Aid  
 Labor Force  
 Park Foremen  
 Group Work  
 Health and Safety Guidelines  
 Health  
 Environmental Health  
 Health and Safety Guidelines  
 In-Service Training  
 Indirect Leadership  
 Information Centers USE Visitor Ser-  
 vice Centers  
 Injuries  
 Innoculations  
 Insurance  
 Liability Insurance  
 Park Interns  
 Recreation Interns

Interpretation  
Interpretive Facilities  
Interpretive Specialists UF Natural-  
ists  
Job Analyses  
Job Descriptions  
Job Surveys  
Labor Force  
Law Enforcement  
Recreation Leaders  
Senior Recreation Leaders  
Specialized Recreation Leaders  
Student Recreation Leaders  
Direct Leadership  
Indirect Leadership  
Management Leadership  
Recreation Leadership  
Leadership Personnel  
Liability  
Liability Insurance  
Personal Licenses  
Lifeguards  
Maintenance Personnel  
Personnel Management for Visitors and Staff  
Management Leadership  
Meetings and Conferences UF Con-  
gresses and Conventions  
Merit Systems  
Misuses USE Adverse Uses  
Naturalists USE Interpretive Special-  
ists  
Negligence  
Nuisances  
Park Caretakers  
Senior Park Caretakers  
Student Park Employees  
Park Foremen  
Park Interns  
Park Rangers  
Park Superintendents  
Directors of Parks  
Directors of Recreation and Parks  
Passports and Visas  
Ski Patrols  
Personal Permits  
Personal Licenses  
Personal Permits  
Personnel  
Administrative Personnel  
Clerical Personnel  
Leadership Personnel  
Maintenance Personnel

Professional Personnel UF Recreators  
Promotion of Personnel  
Subprofessional Personnel  
Supervisory Personnel  
Trainee Personnel  
Personnel Management for Visitors and Staff  
Accident Prevention  
Safety Procedures  
Professional Personnel UF Recreators  
Recreation Programs  
Promotion of Personnel  
Public Relations  
Staff Qualifications  
Park Rangers  
Rationing of Use  
Directors of Recreation  
Directors of Recreation and Parks  
Recreation Attendants  
Recreation Interns  
Recreation Leaders  
Senior Recreation Leaders  
Specialized Recreation Leaders  
Student Recreation Leaders  
Recreation Leadership  
Recreation Programs  
Staff Recreation Specialists  
District Recreation Supervisors  
Specialized Recreation Supervisors  
Recreators USE Professional Personnel  
Recruitment  
Visitor Regulation  
Public Relations  
Safety  
Water Safety  
Safety Codes  
Safety Equipment  
Health and Safety Guidelines  
Safety Procedures  
Salaries  
Sanitation  
Sanitation Systems  
Senior Park Caretakers  
Senior Recreation Leaders  
Visitor Service Centers UF Information Centers  
Ski Patrols  
Snakebites  
Interpretive Specialists UF Naturalists  
Staff Recreation Specialists  
Specialized Recreation Leaders  
Specialized Recreation Supervisors



**Personnel Management for Visitors and Staff**  
 Staff  
 Staff Qualifications  
 Staff Recreation Specialists  
**Career Standards**  
 Student Park Employees  
 Student Recreation Leaders  
 Subprofessional Personnel  
**Park Superintendents**  
 Supervision  
**District Recreation Supervisors**  
**Specialized Recreation Supervisors**  
 Supervisory Personnel  
**Job Surveys**  
**Merit Systems**  
**Sanitation Systems**  
 Trainee Personnel  
 Trainers USE Coaches  
**In-Service Training**  
**Rationing of Use**  
**Adverse Uses UF Misuses**  
 Vandalism  
**Passports and Visas**  
 Visitor Education  
 Visitor Regulation  
 Visitor Service Centers UF Infor-  
 mation Centers  
**Personnel Management for Visitors and Staff**  
 Volunteers  
 Water Safety  
 Group Work

### PLANNING AND DESIGN

Acquisition of Land  
 Activities  
**Recreation Activities**  
 Administration  
**Contract Administration**  
 Administrative Regulations  
 Administrative Units  
 Aesthetic Satisfaction  
 Aesthetics  
**Factors Affecting Use**  
 Allocation of Responsibilities  
 Alternative Solutions  
**Criteria for Alternative Solutions**  
 Amenities  
**Coordination Among Suppliers**

Planning Analysis  
Approval of Plans  
Area Boundaries  
Area Design  
Area Planning  
Area Selection  
Area Types  
Planning Areas  
Attendance USE Recreation Use  
Attraction Indexes  
Balance of Design  
River Basin Planning USE Regional  
Planning  
Natural Beauty  
Integration of Utility and Beauty  
Benefits  
Benefits to Individuals  
Benefits to Society  
Area Boundaries  
Budget  
Building Departments  
Bureaucracy  
Carrying Capacities  
Designed Capacities  
Resource Capabilities  
Social Carrying Capacities  
Planned Capacity  
Capacity Standards  
Carrying Capacities  
Social Carrying Capacities  
Objectives of Planned Changes  
Design Character  
Resource Characteristics  
User Characteristics  
Cluster Developments  
Color  
Planning Commissions  
Communication Media  
Recreation Complexes  
Comprehensive Plans UF Comprehensive  
Outdoor Recreation Plans  
Recreation Plans Comprehensive Plans  
Conceptualization  
Conclusions  
Planning Constraints  
Construction  
Inspections of Construction  
Construction Contractors  
Construction Plans  
Contract Administration  
Construction Contractors  
Contracts

Control of Resource Uses  
 Coordination Among Suppliers  
 Coordination of Management  
 Coordination of Suppliers  
 Coordination of Uses  
 Design Criteria  
 Planning Standards and Criteria  
 Criteria for Alternative Solutions  
 Criteria for Planning  
 Crowding  
 Historical and Cultural Resources  
 Decision-Making  
 Trust Deeds  
 Demand  
 Demand Predictions  
 Building Departments  
 Planning Departments  
 Land Description  
 Design UF Layout  
 Area Design  
 Balance of Design  
 Environmental Design USE Planning and Design  
 Facilities Design  
 Functional Design USE Design Function  
 Landscape Design  
 Organization of Design  
 Planning and Design UF Environmental Design  
 Site Design  
 Structural Design  
 Design Character  
 Design Expression  
 Design Function UF Functional Design  
 Design Imagery  
 Design Perception  
 Design Process  
 Design Standards  
 Design Style  
 Design Types  
 Designed Capacities  
 Designed Intensity  
 Development Process  
 Development Quality  
 Cluster Developments  
 Eminent Domain  
 Drawings  
 Easements  
 Economic Efficiency  
 Economic Feasibility  
 Effects on Resources  
 Effects on Users  
 Economic Efficiency  
 Eminent Domain



Environmental Design USE Planning  
and Design  
Equipment Ownership Ratios  
Value Estimates  
Design Expression  
Recreation Facilities  
Facilities Design  
Facility Planning  
Factors Affecting Use  
Feasibility  
Economic Feasibility  
Financial Feasibility  
Technical Feasibility  
Fee Purchases  
Financial Feasibility  
Financing  
Flexibility of Management  
Focal Points  
Form  
Framing  
Design Function UF Functional Design  
Functional Design USE Design  
Function  
Pressure Groups USE Special Interest Groups  
Special Interest Groups UF Pressure Groups  
Management Guidelines  
Historic Preservation Plans  
Historical and Cultural Resources  
Ideation  
Problem Identification  
Design Imagery  
Plan Implementation  
Implementation of Plans  
Attraction Indexes  
Benefits to Individuals  
Selection of Information  
Synthesis of Information  
Inspections of Construction  
Institutions of Society  
Integration of Utility and Beauty  
Development Intensity  
Special Interest Groups UF Pressure Groups  
Less-Than-Fee Interests  
Justification for Plans  
Acquisition of Land  
Land Description  
Land Use Plans  
Landscape Design  
Laws  
Layout USE Design  
Purchases and Lease-Back

Leases  
 Legal Procedures  
 Legislation  
 Less-Than-Fee Interests  
 Line  
 Location  
 Long-Term Plans USE Master Plans  
 Coordination of Management  
 Flexibility of Management  
 Multiple Use Management  
 Management Guidelines  
 Management Objectives  
 Promotion and Marketing  
 Master Plans  
 Communication Media  
 Multiple Use Management  
 National Planning USE Nationwide  
 Planning  
 Nationwide Outdoor Recreation Plan  
 Nationwide Planning UF National  
 Planning  
 Natural Beauty  
 Natural Resources  
 Needs  
 Satisfaction of Needs  
 Non-Conforming Uses  
 Management Objectives  
 Selection of Objectives  
 Objectives of Planned Changes  
 Ownership of Recreation Opportunities  
 Political Opportunities  
 Potential Recreational Opportunities  
 Recreational Opportunities  
 Supply of Recreational Opportunities  
 Options  
 Organization of Design  
 Outdoor Recreation Plans UF Com-  
 prehensive Outdoor Recreation  
 Plans  
 Comprehensive Outdoor Recreation Plans USE Out-  
 door Recreation Plans  
 Nationwide Outdoor Recreation Plan  
 Ownership of Recreation Opportunities  
 Equipment Ownership Ratios  
 Participants USE Users  
 Design Perception  
 Philosophies of Resource Use  
 Nationwide Outdoor Recreation Plan  
 Plan Implementation  
 Plan Specifications  
 Plan Types  
 Planned Capacity

Objectives of Planned Changes  
 Area Planning  
 Criteria for Planning  
 Facility Planning  
 National Planning  
 Nationwide Planning  
 Regional Planning  
 River Basin Planning  
 Site Planning  
 State Planning  
 Urban Planning  
 Planning Analysis  
 Planning and Design  
 Design  
 Planning Areas  
 Planning Commissions  
 Planning Constraints  
 Planning Departments  
 Planning Process  
 Analysis  
 Planning Regions  
 Planning Standards and Criteria  
 Planning Theory  
 Approval of Plans  
 Comprehensive Outdoor Recreation Plans  
 Comprehensive Plans  
 Construction Plans  
 Historic Preservation Plans  
 Implementation of Plans  
 Justification for Plans  
 Land Use Plans  
 Long-Term Plans  
 Master Plans  
 Outdoor Recreation Plans  
 Preliminary Plans  
 Recreation Plans  
 Recreation Plans, Comprehensive Plans  
 Regional Plans  
 Short-Term Plans  
 Site Plans  
 Sketch Plans  
 Transportation Plans  
 Focal Points  
 Political Opportunities  
 Political Representation  
 Profit-Making Potential  
 Potential Recreational Opportunities  
 USE Nationwide Planning  
 UF National Planning  
 UF Planning Regions;  
 River Basin Planning  
 USE Regional Planning  
 USE Outdoor Recreation Plans  
 UF Comprehensive Outdoor  
 Recreation Plans  
 USE Master Plans  
 UF Comprehensive Outdoor  
 Recreation Plans  
 UF Sketch Plans  
 Comprehensive Plans  
 USE Preliminary Plans

Power Structure  
 Demand Predictions  
 Preliminary Plans UF Sketch Plans  
 Historic Preservation Plans  
 Pressure Groups USE Special Interest Groups  
 Priorities  
 Problem Identification  
 Legal Procedures  
 Design Process  
 Development Process  
 Planning Process USE Planning Analysis  
 Profit-Making Potential  
 Profits  
 Promotion and Marketing  
 Public Relations  
 Fee Purchases  
 Purchases and Lease-Back  
 Development Quality  
 Equipment Ownership Ratios  
 Recommendations  
 Comprehensive Outdoor Recreation Plans USE Outdoor Recreation Plans  
 Recreation Settings  
 Recreation Use UF Attendance  
 Recreational Opportunities  
 Potential Recreational Opportunities  
 Supply of Recreational Opportunities  
 Regional Planning UF Planning Regions;  
 Regional Plans  
 Planning Regions USE Regional Planning  
 Administrative Regulations  
 Rehabilitation of Resources  
 Public Relations  
 Repayment  
 Political Representation  
 Resource Capabilities  
 Resource Characteristics  
 Philosophies of Resource Use  
 Control of Resource Uses  
 Effects on Resources  
 Historical and Cultural Resources  
 Natural Resources  
 Rehabilitation of Resources  
 Suitability of Resources  
 Allocation of Responsibilities  
 River Basin Planning USE Regional Planning  
 Aesthetic Satisfaction  
 Satisfaction of Needs  
 Area Selection  
 Site Selection

Selection of Information  
 Selection of Objectives  
 Recreation Settings  
 Short-Term Plans  
 Site Design  
 Site Planning  
 Site Plans  
 Site Selection  
 Sketch Plans USE Preliminary Plans  
 Social Carrying Capacities  
 Benefits to Society  
 Institutions of Society  
 Alternative Solutions  
 Criteria for Alternative Solutions  
 Special Interest Groups UF Pressure  
 Groups  
 Specifications  
 Plan Specifications  
 Capacity Standards  
 Design Standards  
 Planning Standards and Criteria  
 State Planning  
 Structural Design  
 Power Structure  
 Design Style  
 Suitability of Resources  
 Coordination Among Suppliers  
 Coordination of Suppliers  
 Supply of Recreational Opportunities  
 Synthesis of Information  
 Technical Feasibility  
 Planning Theory  
 Therapeutic Recreation  
 Timing  
 Transportation Plans  
 Trust Deeds  
 Area Types  
 Design Types  
 Plan Types  
 User Types  
 Administrative Units  
 Urban Planning  
 Factors Affecting Use  
 Philosophies of Resource Use  
 Multiple Use Management  
 Land Use Plans  
 User Characteristics  
 User Types  
 Users UF Participants  
 Effects on Users  
 Control of Resource Uses

Coordination of Uses  
 Non-Conforming Uses  
 Integration of Utility and Beauty  
 Value Estimates  
 Zoning

### PUBLIC AND PRIVATE ENTITIES

Intergovernmental Affairs  
     Public Agencies  
 State Fish and Game Agencies   USE State Wildlife Agencies  
     State Forest Agencies  
     State Park Agencies  
 State Recreation Agencies  
     State Tourist Agencies  
     Metropolitan Areas  
 Standard Metropolitan Statistical Areas  
     Trade Associations  
     Metropolitan Authorities  
         Boroughs  
         Businesses   USE Commercial Enterprises  
         Recreation Businesses   USE Recreation Enterprises  
     Churches and Church Groups  
         Churches and Church Groups  
         Cities   UF Municipalities  
         Commercial Enterprises   UF Businesses  
             Free Enterprise  
 Interdepartmental Committees   USE Interagency Cooperations  
     Community Organizations  
     Concessions  
     Interagency Cooperation   UF Interdepartmental  
         Committees  
     Interstate Cooperations  
     Public-Private Cooperation  
     Non-Profit Corporations  
         Councils of Government  
         Counties  
         Credit Travel Services  
     Special Districts  
         Educational Institutions  
         Free Enterprise   USE Commercial Enterprises  
     Commercial Enterprises   UF Businesses; Free Enter-  
         prise  
     Non-Recreation Enterprises  
         Recreation Enterprises   UF Recreation Businesses  
         Supporting Enterprises  
         Recreation Facilities  
 Visitor Service Facilities

Federal Government USE U. S. Govern-  
 ment  
 State Fish and Game Agencies USE State  
 Wildlife Agencies  
 Foreign Governments  
 State Forest Agencies  
 Foundations  
 Free Enterprise USE Commercial  
 Enterprises  
 State Fish and Game Agencies USE State Wildlife  
 Agencies  
 Councils of Government  
 Federal Government USE U. S. Government  
 Foreign Governments  
 Local Governments  
 State Governments  
 Churches and Church Groups  
 Indian Tribes  
 Industries USE Commercial Enter-  
 prises; Manufacturers  
 Educational Institutions  
 Interagency Cooperation UF Inter-  
 departmental Committees  
 Interdepartmental Committees USE  
 Interagency Cooperation  
 Intergovernmental Affairs  
 International Cooperation  
 Interstate Cooperation  
 Local Governments  
 Metropolitan Areas  
 Metropolitan Authorities  
 Standard Metropolitan Statistical Areas  
 Municipalities USE Cities  
 Non-Profit Corporations  
 Non-Profit Organizations  
 Non-Recreation Enterprises  
 Noncommercial Units  
 Organizations  
 Community Organizations  
 Non-Profit Organizations  
 Professional Organizations  
 Research Organizations  
 Tourist Promotional Organizations  
 Travel Organizations  
 State Park Agencies  
 Private Properties  
 Professional Organizations  
 Tourist Promotional Organizations  
 Private Properties  
 Public Agencies  
 Public-Private Cooperation  
 Quasi-Public Units

State Recreation Agencies  
     Recreation Businesses   USE Recreation  
                                 Enterprises  
     Recreation Enterprises   UF Recreation  
                                 Businesses  
     Recreation Facilities  
     Research Organizations  
 Visitor Service Facilities  
 Credit Travel Services  
     Special Districts  
     Standard Metropolitan Statistical  
                                 Areas  
     State Fish and Game Agencies   USE  
                                 State Wildlife Agencies  
     State Forest Agencies  
     State Governments  
     State Park Agencies  
     State Recreation Agencies  
     State Tourist Agencies  
     State Wildlife Agencies  
 Standard Metropolitan Statistical Areas  
     Supporting Enterprises  
     State Tourist Agencies  
     Tourist Promotional Organizations  
     Townships  
     Trade Associations  
     Travel Organizations  
     Credit Travel Services  
     Indian Tribes  
 Noncommercial Units  
 Quasi-Public Units  
     Visitor Service Facilities  
     State Wildlife Agencies

### RECREATION ACTIVITIES

Vehicular Activities  
     Artistic Activities   UF Creative Recreation  
     Marine Activities   USE Water Sports  
 Recreation Activities   UF Amusements; Play  
     Travel Agencies  
     Air Racing  
     Air Travelling  
     Amusements   USE Recreation Activities  
     Animal Shows  
     Aquatic Sports   USE Water Sports  
     Archery  
     Artistic Activities   UF Creative  
                                 Recreation



Performing Arts  
Arts and Crafts  
Auto Racing  
Auto Touring  
Backpacking  
Boccie Ball  
Captains Ball  
Tether Ball  
Ball Games  
Ballet  
Ballroom Dancing  
Barbecues  
Baseball  
Basketball  
Beachcombing  
Bicycle Racing  
Bicycling  
Bird Watching  
Boat Cruising  
Boat Racing  
Boating  
Ice Boating  
Bobsledding  
Boccie Ball  
Bow Hunting  
Lawn Bowling  
Broad Jumping  
Campfire Cooking  
Camping  
Day Camping  
Family Camping  
Group Camping  
Primitive Camping  
Resident Camping  
School Camping  
Transient Camping  
Canoeing  
Captains Ball  
Choreography  
Church Recreation  
Clamming  
Mountain Climbing  
Clout Shooting  
Codeball-on-the-Green  
Collecting  
Collecting Plants  
Collecting Wildlife  
Commercial Recreation  
Community Recreation  
Contra Dancing  
Campfire Cooking  
Outdoor Cooking

Corkball  
 Cross Country Racing  
 Crabbing  
 Arts and Crafts  
 Creative Recreation USE Artistic  
 Activities  
 Cricket  
 Croquet  
 Cross Country Racing  
 Cross-Country Skiing  
 Boat Cruising  
 Curling  
 Cycling  
 Dancing  
 Ballroom Dancing  
 Contra Dancing  
 Folk Dancing  
 Round Dancing  
 Square Dancing  
 Dashing  
 Day Camping  
 Discus Throwing  
 Diving  
 Scuba Diving  
 Skin Diving  
 Sky Diving USE Parachuting  
 Dodgeball  
 Dog Trials  
 Domestic Touring  
 Downhill Skiing  
 Drama  
 Driving for Pleasure  
 Equipment Selecting  
 Spectator Events  
 Excursions USE Touring  
 Exhibitions UF Fairs; Festivals;  
 Pageants  
 Exploring  
 Touring and Exploring  
 Factory and Industrial Tours  
 Fairs USE Exhibitions  
 Falconry  
 Family Camping  
 Family Recreation  
 Festivals USE Exhibitions  
 Field Hockey  
 Track and Field Sports  
 Fieldball  
 Fishing  
 Float Fishing  
 Fresh Water Fishing  
 Hunting and Fishing

Ice Fishing  
Salt Water Fishing  
Fistball  
Float Fishing  
Flying  
Kite Flying  
Folk Dancing  
Football  
Foreign Touring  
Fresh Water Fishing  
Fully Inclusive Tours  
Ball Games  
Gardening  
Golf  
Group Camping  
Hammer Throwing  
Handball  
High Jumping  
Hiking  
Hitball  
Field Hockey  
Ice Hockey  
Horse Racing  
Horse Shows  
Horseback Riding  
Horseshoe Pitching  
Hunting  
Bow Hunting  
Hunting and Fishing  
Hurdle Racing  
Hurling  
Ice Boating  
Ice Fishing  
Ice Hockey  
Ice Skating  
Iceboating  
Fully Inclusive Tours  
Industrial Recreation  
Factory and Industrial Tours  
Institutional Recreation  
International Recreation  
Jai-Alai  
Javelin Throwing  
Jogging  
Broad Jumping  
High Jumping  
Ski Jumping  
Kite Flying  
Lacrosse  
Lawn Bowling  
Outdoor Living

Marine Activities USE Water Sports  
 Marksmanship  
 Plays and Melodramas USE Drama  
 Mental Recreation  
 Motorboating  
 Motorcycling  
 Mountain Climbing  
 Municipal Recreation  
 Music  
 Observing Nature  
 Photographing Nature  
 Nature Study  
 Nature Walking  
 Private Non-Commercial Recreation  
 Observing Nature  
 Oceanic Travelling USE Boat Cruising  
 Organized Recreation  
 Outdoor Cooking  
 Outdoor Living  
 Paddle Tennis  
 Pageants USE Exhibitions  
 Painting  
 Parachuting  
 Parades  
 Performing Arts  
 Photographing Nature  
 Photographing Sports  
 Photography  
 Underwater Photography  
 Physical Recreation  
 Picnicking  
 Horseshoe Pitching  
 Trip Planning  
 Collecting Plants  
 Play USE Recreation Activities  
 Plays and Melodramas USE Drama  
 Driving for Pleasure  
 Pole Vaulting  
 Polo  
 Water Polo  
 Primitive Camping  
 Private Non-Commercial Recreation  
 Public Recreation  
 Racing  
 Air Racing  
 Auto Racing  
 Bicycle Racing  
 Boat Racing  
 Cross Country Racing  
 Horse Racing  
 Hurdle Racing

Relay Racing  
     Rapids Running  
 Church Recreation  
 Commercial Recreation  
 Community Recreation  
 Creative Recreation   USE Artistic Activities  
 Family Recreation  
 Industrial Recreation  
 Institutional Recreation  
 International Recreation  
     Mental Recreation  
     Municipal Recreation  
     Organized Recreation  
     Physical Recreation  
 Private Non-Commercial Recreation  
     Public Recreation  
 Resource-Oriented Recreation  
     Rural Recreation  
     School Recreation  
     Seasonal Recreation  
     Social Recreation   USE Social Activities  
 Therapeutic Recreation  
     Urban Recreation  
 Visitor-Oriented Recreation  
     Recreation Activities   UF Amusements  
     Relaxation  
     Relay Racing  
     Resident Camping  
     Resource-Oriented Recreation  
 Horseback Riding  
     Sleigh Riding  
     River Touring  
     Rockhounding  
     Roller Skating  
     Round Dancing  
     Rowing  
     Rugby  
     Rapids Running  
     Rural Recreation  
     Sailing  
     Salt Water Fishing  
     School Camping  
     School Recreation  
     Scuba Diving  
     Sculpture  
     Seasonal Recreation  
     Equipment Selecting  
     Recreation Settings  
     Clout Shooting  
 Skeet and Trap Shooting  
     Target Shooting

Short-Term Touring  
 Shot-Putting  
 Animal Shows  
 Horse Shows  
 Sound-and-Light Shows  
 Shuffleboard  
 Sightseeing USE Touring  
 Skateboarding  
 Skating  
 Ice Skating  
 Roller Skating  
 Skeet and Trap Shooting  
 Ski Jumping  
 Cross-Country Skiing  
 Downhill Skiing  
 Slalom Skiing  
 Snow Skiing  
 Water Skiing  
 Skin Diving  
 Sky Diving USE Parachuting  
 Slalom Skiing  
 Sledding  
 Sleigh Riding  
 Snorkeling  
 Snow Skiing  
 Snowmobiling  
 Snowshoeing  
 Soaring  
 Soccer  
 Softball  
 Sound-and-Light Shows  
 Spectator Events  
 Spelunking  
 Aquatic Sports USE Water Sports  
 Photographing Sports  
 Team Sports  
 Track and Field Sports  
 Water Sports UF Aquatic Sports  
 Winter Sports  
 Square Dancing  
 Squash  
 Nature Study  
 Surfing  
 Swimming  
 Target Shooting  
 Team Sports  
 Tennis  
 Paddle Tennis.  
 Tether Ball  
 Therapeutic Recreation  
 Discus Throwing

Hammer Throwing  
Weight Throwing  
Tobogganing  
Touring UF Excursions; Sightseeing;  
Tourism  
Auto Touring  
Domestic Touring  
Foreign Touring  
River Touring  
Short-Term Touring  
Vacation Touring  
Touring and Exploring  
Tourism USE Touring  
Factory and Industrial Tours  
Fully Inclusive Tours  
Track and Field Sports  
Transient Camping  
Skeet and Trap Shooting  
Trapping  
Travel Agencies  
Travelling  
Air Travelling  
Oceanic Travelling USE Boat Cruising  
Dog Trials  
Trip Planning  
Trips  
Underwater Photography  
Urban Recreation  
Vacation Touring  
Pole Vaulting  
Vehicular Activities  
Visitor-Oriented Recreation  
Volleyball  
Wading  
Walking  
Nature Walking  
Bird Watching  
Fresh Water Fishing  
Salt Water Fishing  
Water Polo  
Water Skiing  
Water Sports UF Aquatic Sports  
Weight Throwing  
Collecting Wildlife  
Winter Sports  
Yachting

RESEARCH

Systems Analysis  
 Analytical Techniques  
 Standard Metropolitan Statistical Areas  
 Attraction Indexes  
 Coding  
 Computer Programming  
 Conclusions  
 Critical Path Techniques  
 Electronic Data Processing  
 Data Storage and Retrieval  
 User Days USE Visitor Days  
 Visitor Days  
 Experimental Design  
 Duration of Trips  
 Electronic Data Processing  
 Estimation Techniques  
 Experience  
 Experimental Design  
 Research Ideas  
 Problem Identification  
 Attraction Indexes  
 Indices  
 Selection of Information  
 Inventories  
 Length of Visits  
 Mapping Techniques  
 Mathematical Models  
 Measurement Techniques  
 Measurement Units  
 Scientific Method USE Research Process  
 Methodology USE Research Methods  
 Research Methods UF Methodology  
 Sampling Methods USE Sampling Techniques  
 Standard Metropolitan Statistical Areas  
 Mathematical Models  
 Needs for Recreation  
 Selection of Objectives  
 Activity Occasions  
 Critical Path Techniques  
 Photogrammetry  
 Research Planning  
 Research Plans  
 Pleasure  
 Prediction Techniques  
 Preferences  
 Problem Identification  
 Research Process UF Scientific Method  
 Electronic Data Processing  
 Computer Programming  
 Research Programs  
 Research Projects  
 Research Proposals



Recommendations  
 Needs for Recreation  
 Research  
 Research Ideas  
 Research Methods UF Methodology  
 Research Planning  
 Research Plans  
 Research Process UF Scientific  
 Method  
 Research Programs  
 Research Projects  
 Research Proposals  
 Research Results  
 Research Results  
 Data Storage and Retrieval  
 Sampling Methods USE Sampling  
 Techniques  
 Sampling Techniques UF Sampling  
 Methods  
 Scientific Method USE Research  
 Process  
 Selection of Information  
 Selection of Objectives  
 Alternative Solutions  
 Tests of Alternative Solutions  
 Standard Metropolitan Statistical  
 Areas  
 Standard Metropolitan Statistical Areas  
 Statistical Techniques  
 Data Storage and Retrieval  
 Survey Techniques  
 Systems Analysis  
 Analytical Techniques  
 Critical Path Techniques  
 Estimation Techniques  
 Mapping Techniques  
 Measurement Techniques  
 Prediction Techniques  
 Sampling Techniques  
 Statistical Techniques  
 Survey Techniques  
 Valuation Techniques  
 Tests of Alternative Solutions  
 Duration of Trips  
 User Trips  
 Vehicle Trips  
 Measurement Units  
 User Days USE Visitor Days  
 User Trips  
 Valuation Techniques  
 Vehicle Trips  
 Visitor Days

Visits  
Length of Visits

### RESOURCE MANAGEMENT

Pollution Abatement  
 Acid Mine Drainage  
 Administration  
 Administrative Regulations  
 Adverse Uses UF Misuses  
 Air Pollution UF Smog  
 Allocation of Resources  
 Selection of Best Alternative  
 Alternative Resource Uses  
 Alternative Solutions  
 Animal Pathology  
 Animals  
 Appropriate Use  
 Aquatic Plant Control  
 General Outdoor Recreation Areas  
 High Density Recreation Areas  
 Natural Areas  
 Natural Environment Areas  
 Outstanding Natural Areas  
 Primitive Areas USE Wilderness Areas  
 Management Attitudes  
 Balance of Nature  
 Selection of Best Alternative  
 Biological Magnification  
 Biotic Extinction USE Extermination  
 Birth Control USE Population Limitation  
 Bounties  
 Browsing  
 Carrying Capacities  
 Carrying Capacities  
 Case Studies  
 Climate  
 Cluster Developments  
 Compatible Resource Uses  
 Competing Resource Uses  
 Complementary Resource Uses  
 Intra-Organizational Conflicts  
 Conservation  
 Soil Conservation  
 Conservation Programs  
 Aquatic Plant Control  
 Birth Control USE Population Limitation  
 Erosion Control  
 Flood Control

Insect Control  
 Poisonous Plant Control  
 Pollution Control  
 Predator Control  
 Water Quality Control  
 Coordination of Management  
 Coordination of Uses  
 Critical Path Techniques  
 Historic and Cultural Sites  
 Custom Regulations  
 Life Cycle  
 Decision-Making  
 High Density Recreation Areas  
 Depletion  
 Desalination  
 Land Description  
 Environmental Design USE Resource Management  
 Destructive Factors  
 Power Development  
 Water Resource Development  
 Cluster Developments  
 Diseases  
 Dominant Uses USE Primary Uses  
 Acid Mine Drainage  
 Ecological Impacts  
 Ecology  
 World Ecosystem  
 Ecosystems  
 Encroachment  
 Resource Engineering  
 Enhancement of Resource Values  
 Entomology  
 Natural Environment  
 Natural Environment Areas  
 Environmental Design USE Resource  
 Management  
 Environmental Quality  
 Erosion Control  
 Ethics  
 Eutrophication  
 Evaluation  
 Evaporation  
 Evolution  
 Population Explosion  
 Extermination UF Biotic Extinction  
 Biotic Extinction USE Extermination  
 Mineral Extraction USE Mining  
 Destructive Factors  
 Fees  
 Fires  
 Fish Kills  
 Fish Planting USE Fish Stocking

Fish Propagation  
 Fish Stocking UF Fish Planting  
 Fisheries Management  
 Fishing Seasons  
 Flood Control  
 Flyways  
 Forest Management  
 Game Management USE Wildlife Manage-  
 ment  
 General Outdoor Recreation Areas  
 Geological Resources  
 Grazing  
 Habitat  
 Habitat Management  
 High Density Recreation Areas  
 Historic and Cultural Sites  
 Hunting Seasons  
 Hydrology  
 Ecological Impacts  
 Impoundments  
 Plant Indicators  
 Insect Control  
 Insects  
 Inspections  
 Intra-Organizational Conflicts  
 Irrigation  
 Fish Kills  
 Land Description  
 Land Management  
 Land Use  
 Landscape Management  
 Water Law  
 Water Level Manipulation  
 Management Levels  
 Water Levels  
 Licenses  
 Life Cycle  
 Population Limitation UF Birth Control  
 Biological Magnification  
 Maintenance  
 Operation and Maintenance  
 Coordination of Management  
 Fisheries Management  
 Forest Management  
 Game Management  
 Habitat Management  
 Land Management USE Resource Management  
 Landscape Management  
 Multiple Use Management  
 Park Management  
 Range Management  
 Recreation Management

Resource Management UF Environmental Design;  
 Land Management  
 Wildlife Management UF Game Management  
 Management Attitudes  
 Management Levels  
 Water Level Manipulation  
 Wild River Manipulation  
 Plant Materials  
 Radioactive Materials  
 Acid Mine Drainage  
 Mineral Extraction USE Mining  
 Mining UF Mineral Extraction  
 Misuses USE Adverse Uses  
 Weather Modification  
 Multiple Use Management  
 Natural Areas  
 Outstanding Natural Areas  
 Natural Environment  
 Natural Environment Areas  
 Balance of Nature  
 Navigation  
 Needs for Recreation  
 Noise Pollution  
 Open Space  
 Operation and Maintenance  
 General Outdoor Recreation Areas  
 Outstanding Natural Areas  
 Park Management  
 Critical Path Techniques  
 Pathology  
 Animal Pathology  
 Plant Pathology  
 Permits  
 Pesticides  
 Resource Use Philosophies  
 Aquatic Plant Control  
 Poisonous Plant Control  
 Plant Indicators  
 Plant Materials  
 Plant Pathology  
 Fish Planting USE Fish Stocking  
 Poisonous Plant Control  
 Policies  
 Policy-Making  
 Pollutants  
 Pollution  
 Air Pollution UF Smog  
 Noise Pollution  
 Soil Pollution  
 Thermal Pollution  
 Water Pollution  
 Pollution Abatement

Pollution Control  
 Population Explosion  
 Population Limitation UF Birth Con-  
 trol  
 Population Studies  
 Power Development  
 Predator Control  
 Preservation  
 Primary Uses UF Dominant Uses  
 Primitive Areas USE Wilderness Areas  
 Recreation Principles  
 Timber Production  
 Conservation Programs  
 Propagation  
 Fish Propagation  
 Protection of Resources  
 Water Purification  
 Environmental Quality  
 Water Quality  
 Water Quality Control  
 Water Quality Standards  
 Radioactive Materials  
 Range Management  
 Rationing of Use  
 Water Re-Use  
 Reclamation  
 Needs for Recreation  
 General Outdoor Recreation Areas  
 High Density Recreation Areas  
 Recreation Management  
 Recreation Principles  
 Administrative Regulations  
 Custom Regulations  
 Rehabilitation  
 Rehabilitation of Resources UF Rest-  
 oration  
 Water Resource Development  
 Resource Engineering  
 Resource Management UF Environmental  
 Design; Land Management  
 Resource Use Philosophies  
 Resource Uses  
 Alternative Resource Uses  
 Compatible Resource Uses  
 Competing Resource Uses  
 Complementary Resource Uses  
 Enhancement of Resource Values  
 Allocation of Resources  
 Geological Resources  
 Protection of Resources  
 Rehabilitation of Resources UF Restoration  
 Suitability of Resources

Restoration USE Rehabilitation of  
     Resources  
     Wild River Manipulation  
     Fishing Seasons  
     Hunting Seasons  
     Secondary Uses UF Subordinate Uses  
     Sedimentation  
     Selection of Best Alternative  
 Historic and Cultural Sites  
     Soil Conservation  
     Soil Pollution  
     Solid Wastes  
     Alternative Solutions  
     Open Space  
     Water Quality Standards  
     Starvation  
     Fish Stocking UF Fish Planting  
     Wildlife Stocking  
     Case Studies  
     Population Studies  
     Subordinate Uses USE Secondary Uses  
     Suitability of Resources  
     Supplies  
     Surveys  
     Survival  
     Sustained Yield  
     Tagging  
     Critical Path Techniques  
     Technology  
     Thermal Pollution  
     Timber Production  
     Water Transfer  
     Appropriate Use  
     Land Use  
     Rationing of Use  
     Water Use  
     Multiple Use Management  
     Resource Use Philosophies  
     Users  
     Adverse Uses UF Misuses  
     Alternative Resource Uses  
     Compatible Resource Uses  
     Competing Resource Uses  
     Complementary Resource Uses  
     Coordination of Uses  
     Dominant Uses USE Primary Uses  
     Primary Uses UF Dominant Uses  
     Resource Uses  
     Secondary Uses UF Subordinate Uses  
 Enhancement of Resource Values  
     Waste  
     Solid Wastes

Water Law  
 Water Level Manipulation  
 Water Levels  
 Water Management  
 Water Pollution  
 Water Purification  
 Water Quality  
 Water Quality Control  
 Water Quality Standards  
 Water Re-Use  
 Water Resource Development  
 Water Resources  
 Water Transfer  
 Water Use  
 Watershed Management  
 Weather Modification  
 Wild River Manipulation  
 Wildlife Management UF Game Manage-  
 ment  
 Wildlife Stocking  
 World Ecosystem  
 Sustained Yield  
 Zoning

#### SUPPORTING FACILITIES

Access Roads  
 Administrative Developments  
 Administrative Structures  
 Administrative Structures and Develop-  
 ments  
 Travel Agencies  
 Airlines  
 Parking Areas  
 Auto Service Stations  
 Rental Autos  
 Baggage Handling Facilities  
 Bridges  
 Combination Buildings  
 Gateway Buildings  
 Workshop Buildings  
 Buses  
 Information Centers USE Visitor Service Centers  
 Shopping Centers  
 Training Centers  
 Visitor Service Centers  
 Chambers of Commerce  
 Charter Cruises  
 Charter Flights



Combination Buildings  
 Confort Stations USE Restrooms  
 Chambers of Commerce  
 Communications Services  
 Credit Travel Services  
 Charter Cruises  
 Foreign Currency Exchanges  
 Administrative Developments  
 Administrative Structures and Developments  
 Waste Disposal Facilities  
 Dormitories  
 Drugstores UF Pharmacies  
 Foreign Currency Exchanges  
 Baggage Handling Facilities  
 Visitor Service Facilities  
 Waste Disposal Facilities  
 Water Supply Facilities  
 Ferries  
 Charter Flights  
 Food Services UF Restaurants;  
 Catering Food Service Pro-  
 duction  
 Foreign Currency Exchanges  
 Garages  
 Gateway Buildings  
 Grocery Stores  
 Guide Services  
 Baggage Handling Facilities  
 Harbors UF Ports  
 Helicopters  
 Hospitals  
 Personnel Housing  
 Information Centers USE Visitor  
 Service Centers  
 Laundries  
 Tramways and Lifts  
 Litter Receptacles  
 Mass Transit Systems  
 Monorails  
 Motor Pools  
 Motor Vehicles  
 National Tourist Offices  
 National Tourist Offices  
 Park Offices  
 Post Offices  
 Outfitters  
 Park Offices  
 Parking Areas  
 Personnel Housing  
 Pharmacies USE Drugstores  
 Motor Pools

Ports USE Harbors  
 Post Offices  
 Power Systems  
 Railroads  
 Litter Receptacles  
 Rental Autos  
 Reservation Services  
 Reservoirs  
 Restaurants USE Food Services  
 Restrooms UF Comfort Stations; Toilets  
 Roads  
 Access Raods  
 Sanitation Systems  
 Visitor Service Centers  
 Visitor Service Facilities  
 Auto Service Stations  
 Communications Services  
 Credit Travel Services  
 Food Services UF Restaurants; Catering  
 Food Service Production  
 Guide Services  
 Reservation Services  
 Transportation Services  
 Shopping Centers  
 Signs  
 Auto Service Stations  
 Comfort Stations USE Restrooms  
 Grocery Stores  
 Administrative Structures  
 Administrative Structures and Developments  
 Water Supply Facilities  
 Water Supply Systems  
 Mass Transit Systems  
 Power Systems  
 Sanitation Systems  
 Water Supply Systems  
 Tickets and Ticketing  
 Tickets and Ticketing  
 Toilets USE Restrooms  
 National Tourist Offices  
 Training Centers  
 Tramways and Lifts  
 Mass Transit Systems  
 Transportation Services  
 Travel Agencies  
 Credit Travel Services  
 Utilities  
 Motor Vehicles  
 Visitor Service Centers  
 Visitor Service Facilities  
 Waste Disposal Facilities

Water Supply Facilities  
Water Supply Systems  
Workshop Buildings

USER CHARACTERISTICS

Young Adults  
Aged UF Elderly; Retired; Senior Citizens  
Ages  
Metropolitan Areas  
Rural Areas  
Attitudes  
Educational Backgrounds  
Population Characteristics  
User Characteristics  
Elementary School Children  
Preschool Children  
Inner Cities  
Senior Citizens USE Aged  
Family Compositions  
Cultures  
Desires USE Wants  
Deterrents to Recreation  
Disabled Persons USE Handicapped Persons  
Population Distribution  
Educational Backgrounds  
Elderly USE Aged  
Elementary School Children  
Employable Skills  
Industrial Employees  
Ethnic Groups  
Psychological Factors  
Family Compositions  
Ethnic Groups  
Minority Groups  
Special Interest Groups  
Guests USE Users  
Handicapped Persons UF Disabled  
Human Races  
Human Values  
Ill Persons  
Personal Incomes  
Industrial Employees  
Inner Cities  
Special Interest Groups  
Leisure

Levels of Living  
 Standards of Living  
 Local Residents  
 Metropolitan Areas  
 Military Personnel  
 Minority Groups  
 Mobility  
 Motivation  
 Needs for Recreation  
 Non-Local Residents  
 Occupations  
 Participants USE Users  
 Participation Rates  
 Passengers USE Users  
 Personal Incomes  
 Military Personnel  
 Ill Persons  
 Handicapped Persons UF Disabled Persons  
 Disabled Persons USE Handicapped Persons  
 Places of Residence  
 Population Characteristics  
 Population Distribution  
 Preschool Children  
 Psychological Factors  
 Human Races  
 Participation Rates  
 Deterrents to Recreation  
 Needs for Recreation  
 Recreation Skills  
 Recreationists USE Users  
 References  
 Religions  
 Places of Residence  
 Local Residents  
 Non-Local Residents  
 Retired USE Aged  
 Rural Areas  
 Elementary School Children  
 Senior Citizens USE Aged  
 Sexes  
 Employable Skills  
 Recreation Skills  
 Special Interest Groups  
 Standards of Living  
 Suburbs  
 Teenagers  
 Tourists UF Travelers  
 Travelers USE Tourists  
 Trends  
 User Types  
 User Characteristics

**User Types**

**Users** UF Passengers; Guests;  
Recreationists; Participants

**Human Values**

**Wants** UF Desires  
Young Adults  
Youth

THESAURUS OF OUTDOOR RECREATION TERMS

Rotated Arrays, All Terms

Pollution Abatement  
     Abstracts  
     Access Roads  
     Accessibility  
     Accessibility of Opportunities  
     Accessibility of Resources  
     Accident Prevention  
     Accidents  
     Accommodation Expenditures  
     Seasonal Accommodations  
     Yearlong Accommodations  
         Accommodations USE Lodgings  
         Accreditation  
     Professional Accreditation USE Accreditation  
     Acid Mine Drainage  
     Aquisition Costs  
     Aquisition of Land  
     Activities  
         Artistic Activities UF Creative Recreation  
         Marine Activities USE Water Sports  
         Recreation Activities UF Amusements; Play  
     Substitutible Activities  
     Substitution Among Activities  
     Vehicular Activities  
         Activity Occasion  
 Constitutions and Organic Acts  
     Adirondack Shelters  
     Adjudication Procedures  
     Administration  
     Business Administration  
     Contract Administration  
     Costs of Administration  
     Public Administration  
         Administrative Developments  
         Administrative Functions and Levels  
         Administrative Personnel  
         Administrative Procedures  
         Administrative Programs  
         Administrative Regulations  
         Administrative Structures  
         Administrative Structures and  
             Developments  
         Administrative Units  
     Forests (Administrative Units)  
     Educational Administrators  
     Adults  
         Young Adults  
         Adverse Uses UF Misuses  
         Advertising  
     Direct Mail Advertising  
     Magazine Advertising  
     Newspaper Advertising  
     Outdoor Advertising UF Billboards

Advertising Costs  
 Advisory Committees  
 Aerial Photographs  
 Aesthetic Satisfaction  
 Aesthetic Values  
 Aesthetics  
 Aesthetics vs Utility  
 Intergovernmental Affairs  
 Factors Affecting Use  
 Affluence  
 Aged UF Elderly; Retired; Senior Citizens  
 State Tourist Agencies  
 Public Agencies  
 State Fish and Game Agencies USE State Wildlife Agencies  
 State Forest Agencies  
 State Park Agencies  
 State Recreation Agencies  
 State Wildlife Agencies  
 Travel Agencies  
 Ages  
 International Treaties and Agreements  
 Treaties and International Agreements  
 First Aid  
 Air Pollution UF Smog  
 Air Racing  
 Air Rights  
 Air Travelling  
 Airfields USE Airports  
 Airlines  
 Airplanes  
 Airports UF Airfields  
 Algae  
 Economic Resource Allocation  
 Least-Cost Resource Allocation  
 Maximum-Value Resource Allocation  
 Political Resource Allocation  
 Allocation of Resources  
 Allocation of Responsibilities  
 Cost Allocations  
 Benefit Allocations  
 Alpine Equipment  
 Selection of Best Alternative  
 Alternative Resource Uses  
 Alternative Solutions  
 Criteria for Alternative Solutions  
 Tests of Alternative Solutions  
 Amenities  
 American History  
 Substitution Among Activities  
 Competition Among Resource Uses  
 Coordination Among Suppliers



Amount of Benefits  
 Amphitheaters USE Outdoor Theaters  
 Amusement Parks  
 Amusements USE Recreation Activities  
 Anadromous Fish  
 Job Analyses  
 Benefit Analysis  
 Benefit-Cost Analysis UF Cost-Benefit Analysis  
 Cost Analysis  
 Cost-Benefit Analysis USE Benefit-Cost Analysis  
 Economic Analysis UF Economic Studies  
 Financial Analysis  
 Input-Output Analysis  
 Joint Production Analysis  
 Landscape Analysis  
 Location Analysis USE Location Theory  
 Marginal Analysis  
 Planning Analysis  
 Recreational Resource Analysis USE Suitability of  
 Resources  
 Systems Analysis  
 Analytical Techniques  
 Animal Pathology  
 Animal Shows  
 Animals  
 Annual Benefits  
 Annual Costs  
 Annual Revenues  
 Antelopes  
 Anthropology  
 Antique Cars  
 Appellate Procedures  
 Applied Arts  
 Appraisals  
 Appreciation  
 Land Value Appreciation  
 Appropriate Use  
 Appropriations  
 Approval of Plans  
 Aquariums  
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 fit Analysis  
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     Bogs USE Wetlands  
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     Base Camps  
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     Lumber Camps  
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     Demand for Capital  
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     Park Caretakers  
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         Cascades   USE Rapids  
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         Cash   UF Money

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     Comprehensive Plans UF Comprehensive  
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istration  
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and Design; Resource Management  
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vation Education; Outdoor Education  
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## Alpine Equipment

## Art Equipment

## Archery Equipment

## Athletic Equipment

## Ballgame Equipment

Boating Equipment

## Camping Equipment

### Collecting Equipment

### Curling Equipment

## Cycling Equipment

## Educational Equipment

## Fishing Equipment

Game Equipment

## Gardening Equipment

Golf Equipment

Horseshoe Equipment

Hunting Equipment

Hunting and Fishing Equipment

## Ice Hockey Equipment

## Marksmananship Equipment

## Nature Study Equipment

## Outdoor Living Equipment

## Outdoor Play Equipment

### Photographic Equipment

USE Outdoor Play Equip-  
ment

## Riding Equipment

## Safety Equipment

## Skeet and Trap Equipment

## Snow Ski Equipment

## Shooting Equipment

## Shuffleboard Equipment

## Touring Equipment

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## Water Ski Equipment

## Water Sports Equipment

## Winter Sports Equipment

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   Estuaries  
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   Musical Events  
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     Evergreen Trees  
     Evidence in Litigations  
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   Excise Taxes   UF Sales Taxes  
   Excitement  
   Excursions   USE Touring  
   Executive Orders  
   Exhaustibility of Resources  
   Exhibitions   UF Fairs; Festivals;  
     Pageants  
   Exhibits  
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   Clothing Expenditures  
   Equipment Expenditures  
   Food Expenditures  
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   Expenditures by Management  
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     Experimental Design  
     Exploring  
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   Touring and Exploring Facilities  
   Population Explosion  
     Design Expression  
     Expressways   USE Highways  
     Extension Courses  
     Extinction   UF Biotic Extinction  
     External Economies and Diseconomies  
     Biotic Extinction   USE Extinction  
     Mineral Extraction   USE Mining  
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     Ballgame Facilities  
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     Interpretive Facilities  
     Marksmanship Facilities  
     Nature Study Facilities  
     Outdoor Living Facilities  
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     Limiting Factors  
     Psychological Factors  
         Demand Factors  
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         Factors Affecting Use  
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             Federal Areas  
             Federal Government USE U. S. Govern-  
                 ment  
             Federal Grants  
             Federal Statutes  
             Fee Purchases  
             Fee Rights  
             Fees UF User Charges  
 Entrance Fees  
     Grazing Fees  
     Guide Fees  
 Membership Fees  
     Tour Fees  
     User Fees

Ferns  
 Ferries  
 Festivals USE Exhibitions  
 Track and Field Equipment  
 Track and Field Facilities  
 Field Hockey  
 Track and Field Sports  
 Field Trips  
 Fieldball  
 Athletic Fields  
 Football Fields  
 Hockey Fields  
 Files  
 Travel Films  
 Films for Photography  
 Financial Analysis  
 Financial Assistance Programs  
 Financial Feasibility  
 Financial Opportunities  
 Financial Programming  
 Financing  
 Fine Arts  
 Firearms  
 Fireplaces and Grills UF Grills;  
 Stoves  
 Fires  
 First Aid  
 Fish  
 Anadromous Fish  
 Freshwater Fish  
 Saltwater Fish  
 State Fish and Game Agencies USE State  
 Wildlife Agencies  
 Fish Hatcheries  
 Fish Kills  
 Fish Planting USE Fish Stocking  
 Fish Propagation  
 Fish Stocking UF Fish Planting  
 Fisheries  
 Fisheries Management  
 Fishing  
 Float Fishing  
 Fresh Water Fishing  
 Hunting and Fishing  
 Ice Fishing  
 Salt Water Fishing  
 Fishing Equipment  
 Hunting and Fishing Equipment  
 Hunting and Fishing Facilities  
 Fishing Lakes UF Fishing Ponds  
 Fishing Ponds USE Fishing Lakes

Fishing Seasons  
 Fistball  
 Physical Fitness  
 Fixed Costs  
 Fixed Revenues  
 Flexibility of Management  
 Charter Flights  
 Float Fishing  
 Float Rivers USE Scenic Rivers  
 Floats  
 Flood Control  
 Flood Plains  
 Flooding Easements  
 Cash Flow  
 Flow Resources USE Renewable Resources  
 Flowage Easement Lands  
 Flowers  
 Free Flowing Rivers USE Wild Rivers  
 Lava Flows  
 Flying  
 Kite Flying  
 Flyways  
 Focal Points  
 Fog  
 Folk Dancing  
 Food Expenditures  
 Food Services UF Restaurants; Cater-  
 ing; Food Service Production  
 Foot Trails  
 Football  
 Football Fields  
 Labor Force  
 Foreign Currency Exchanges  
 Foreign Governments  
 Foreign National and Provincial Legis-  
 lation  
 Foreign Touring  
 Park Foremen  
 State Forest Agencies  
 Forest Management  
 National Forest Purchase Units  
 National Forest System  
 Forestry  
 County Forests  
 Municipal Forests  
 National Forests  
 Private Forests  
 State Forests  
 Watershed Forests  
 Forests (Administrative Units)  
 Forests (Tree Communities)  
 Form



Geological Formations  
 Outstanding Rock Formations  
     Forts  
     Fossils  
     Foundation Grants  
     Foundations  
 Historical Foundations  
     Foxes  
     Framing  
     Free Enterprise   USE Commercial  
                     Enterprises  
     Free Flowing Rivers   USE Wild Rivers  
     Free Time   USE Leisure  
     Freeways   USE Highways  
     Fresh Water Fishing  
     Freshwater Fish  
 Motorboat Fuel Taxes   USE Excise Taxes  
     Fully Inclusive Tours  
     Design Function   UF Functional Design  
     Functional Design   USE Design  
                     Function  
     Cost Functions  
 Administrative Functions and Levels  
     Fund Resources   USE Nonrenewable  
                     Resources  
     Funding  
     Sinking Funds  
     Outdoor Furniture  
     Future Needs  
     Community Gains   USE Indirect Economic Impacts  
     Capital Gains Taxes  
 Art Museums and Galleries  
     Game   USE Wildlife  
     State Fish and Game Agencies   USE State Wildlife  
                     Agencies  
     Game Birds  
     Game Equipment  
     Game Farms  
     Game Management   USE Wildlife Manage-  
                     ment  
     Game Preserves  
     Ball Games  
     Olympic Games  
     Garages  
     Gardening  
     Gardening Equipment  
     Gardens  
     Gateway Buildings  
     Scuba Gear  
     Geese  
     Gems  
     General Outdoor Recreation Areas

Geographical Distributions UF Areal  
Distributions; Spatial Distributions  
Geography  
Economic Geography  
Human Geography  
Geological Formations  
Geological Resources  
Geology  
Ghost Towns  
Glacial Remains  
Glaciers  
Gliders  
Glossaries  
Gloves  
Goalposts  
Social Goals  
Golf  
Golf Courses  
Golf Driving Ranges  
Golf Equipment  
Distribution of Goods  
Substitutable Goods  
Wholesalers of Goods  
Sporting Goods Industry  
Sporting Goods Stores  
Government  
Councils of Government  
Federal Government USE U. S. Government  
U. S. Government  
Government Buildings  
Foreign Governments  
Local Governments  
State Governments  
Graduate Study  
Grant Programs  
Federal Grants  
Foundation Grants  
State Grants  
Grasses  
National Grasslands  
Gravels  
Burial Grounds and Graves  
Cemeteries and Graves  
Grazing  
Grazing Fees  
Greenbelts  
Bowling Greens  
Grills USE Fireplaces and Grills  
Fireplaces and Grills UF Stoves; Grills  
Grocery Stores  
Gross Profits  
Gross Revenues

Ground Covers  
 Burial Grounds and Graves  
 Group Camping  
 Group Camps UF Organization Camps;  
 Youth Camps  
 Group Work  
 Churches and Church Groups  
 Ethnic Groups  
 Minority Groups  
 Pressure Groups USE Special Interest Groups  
 Special Interest Groups UF Pressure Groups  
 Grouse  
 Guaranteed Loan Programs  
 Guests USE Users  
 Guide Fees  
 Guide Services  
 Health and Safety Guidelines  
 Management Guidelines  
 Tour Guides  
 Habitat  
 Habitat Management  
 Hammer Throwing  
 Handball  
 Handball Courts  
 Handbooks and Manuals  
 Handicapped Persons UF Disabled  
 Baggage Handling Facilities  
 Harbors UF Ports  
 Fish Hatcheries  
 Health  
 Environmental Health  
 Mental Health  
 Health and Safety Guidelines  
 Health Effects  
 Legislative Hearings  
 Helicopters  
 Herbs  
 National Heritage  
 High Density Population  
 High Density Recreation Areas  
 High Jumping  
 Higher Education UF College Edu-  
 cation  
 Highest and Best Use  
 Highways UF Expressways; Freeways  
 Hiking  
 Historic and Cultural Sites  
 Historic Parks and Restorations  
 Historic Preservation Plans  
 Historic Resources  
 Historic Trails  
 Historical and Cultural Resources

Historical Areas and Sites  
 Historical Foundations  
 Historical Markers  
 National Historical Sites  
 History  
 American History  
 Eighteenth Century and Earlier History  
 Nineteenth Century History  
 Twentieth Century History  
 Hitball  
 Ice Hockey  
 Field Hockey  
 Ice Hockey Equipment  
 Hockey Fields  
 Sink Holes  
 Holidays  
 Homes  
 Mobil Homes  
 Second Homes USE Vacation Homes  
 Vacation Homes UF Second Homes  
 Horizontal Economic Impacts  
 Horse Racing  
 Horse Shows  
 Horseback Riding  
 Horses  
 Horseshoe Courts  
 Horseshoe Equipment  
 Horseshoe Pitching  
 Hospitals  
 Hostels  
 Hot Springs  
 Hotels  
 Houseboats  
 Opera Houses  
 Personnel Housing  
 Private Housing  
 Human Geography  
 Human Races  
 Human Values  
 Hunting  
 Bow Hunting  
 Hunting and Fishing  
 Hunting and Fishing Equipment  
 Hunting and Fishing Facilities  
 Hunting Areas  
 Hunting Equipment  
 Hunting Preserves  
 Hunting Seasons  
 Migratory Bird Hunting Stamps  
 Hurdle Racing  
 Hurling  
 Hydraulic Engineering

Hydrology  
 Ice Boating  
 Ice Fishing  
 Ice Hockey  
 Ice Hockey Equipment  
 Ice Skating  
 Ice Skating Rinks  
 Iceboating  
 Iceboats  
 Research Ideas  
 Ideation  
 Problem Identification  
 Problem Identification and Specification  
 Ill Persons  
 Design Imagery  
 Chain of Economic Impacts  
 Direct Economic Impacts  
 Ecological Impacts  
 Economic Impacts  
 Horizontal Economic Impacts  
 Indirect Economic Impacts  
 Inter-Regional Impacts  
 Intra-Regional Impacts  
 Quality Impacts on Benefits  
 Quality Impacts on Costs  
 Imperfect Economic Competition  
 Plan Implementation  
 Policy Implementation  
 Implementation of Plans  
 Impoundments  
 Capital Improvements  
 In-Service Training  
 Inclined Railways USE Tramways and  
 Lifts  
 Fully Inclusive Tours  
 Income Capitalizations  
 Income Taxes  
 Personal Incomes  
 Indexes  
 Attraction Indexes  
 Indian Campsites  
 Indian Lands  
 Indian Tribes  
 Indian Village Sites  
 Economic Indicators  
 Plant Indicators  
 Indices  
 Indirect Benefits  
 Indirect Costs  
 Indirect Economic Impacts  
 Indirect Leadership

Benefits to Individuals  
 Benefits to Society vs to Individuals  
     Induced Benefits  
     Induced Costs  
     Industrial Employees  
     Industrial Recreation  
 Factory and Industrial Tours  
     Primary Industries  
     Industries USE Commercial Enterprises;  
         Manufacturers  
 Sporting Goods Industry  
     Selection of Information  
     Sources of Information UF Reference Materials  
     Supporting Information  
     Synthesis of Information  
         Information Centers USE Visitor Ser-  
             vice Centers  
         Information Programs  
         Information Systems UF Literature  
         Retrieval Services; Retrieval  
         Services  
         Information Theory  
         Initial Costs USE Investment Costs  
         Injuries  
         Injurious Insects UF Mosquitos  
         Inner Cities  
 Renewal of Inner Resources  
     Innocations  
     Input-Output Analysis  
     Insect Control  
     Insects  
     Injurious Insects UF Mosquitos  
     Inspections  
     Inspections of Construction  
     Inspirational Values  
     Installation Costs  
     Institutional Recreation  
 Educational Institutions  
     Institutions of Society  
     Sports Instruction USE Coaching  
     Insurance  
     Liability Insurance  
     Insurance Costs  
     Intangible Benefits  
 Valuation of Intangible Benefits  
     Intangible Costs  
     Intangible Values  
     Integration of Utility and Beauty  
     Integrative Disciplines  
 Development Intensity  
     Inter-Regional Impacts

Spatial Interactions  
     Interagency Cooperation UF Inter-  
         Departmental Committees  
     Interdepartmental Committees USE  
     Interagency Cooperation  
     Interest  
     Special Interest Groups UF Pressure Groups  
 Less-Than-Fee Interests  
     Intergovernmental Affairs  
 Treaties and International Agreements  
     International Cooperation  
     International Recreation  
     International Treaties and Agreements  
 Park Interns  
 Recreation Interns  
     Interpretation  
     Interpretive Facilities  
     Interpretive Specialists UF Natural-  
         ists  
     Interpretive Talks UF Lectures  
     Interstate Cooperation  
     Interviews USE Surveys  
     Intra-Organizational Conflicts  
     Intra-Regional Impacts  
     Inventories  
 Returns on Investment  
     Investment Costs  
     Irrigation  
     Islands  
 Controversial Issues  
     Policy Issues  
     Jai-Alai  
     Javelin Throwing  
     Job Analyses  
     Job Descriptions  
     Job Surveys  
     Jogging  
     Joint Benefits  
     Joint Costs  
     Joint Production Analysis  
     Judicial Decisions  
     High Jumping  
     Broad Jumping  
     Ski Jumping  
     Ski Jumps  
 Economic Justification  
     Justification for Plans  
     Kayaks  
     Fish Kills  
 Coke and Charcoal Kilns  
     Family and Kinship  
     Kitchen Shelters

Kite Flying  
 Knowledge  
 Labor  
 Labor Costs USE Personnel Costs  
 Labor Force  
 Lacrosse  
 Lagoons  
 Lakes  
 Fishing Lakes UF Fishing Ponds  
 National Lakeshores  
 Lakeshores USE Shorelines  
 Land  
 Acquisition of Land  
 Land Costs  
 Land Description  
 Land Management USE Resource Manage-  
 ment  
 Land Use  
 Land Use Plans  
 Land Utilization Projects  
 Land Value Appreciation  
 Farm Lands Use Farms  
 Flowage Easement Lands  
 Indian Lands  
 Military Lands  
 Riparian Lands USE Shorelines  
 Surplus Military Lands  
 Landscape  
 Perception of Landscape  
 Landscape Analysis  
 Landscape Design  
 Landscape Management  
 Landslides  
 Latent Demand  
 Boat Launching Ramps  
 Laundries  
 Lava Flows  
 Law  
 Sources of Law  
 Water Law  
 Law Enforcement  
 Lawn Bowling  
 Laws  
 Laws and Legal Procedures  
 Layout USE Design  
 Recreation Leaders  
 Senior Recreation Leaders  
 Specialized Recreation Leaders  
 Student Recreation Leaders  
 Direct Leadership  
 Indirect Leadership  
 Management Leadership  
 Recreation Leadership



Leadership Personnel  
 Economic Leakage  
 Purchases and Lease-Back  
 Leases  
 Recreation Leases  
 Least-Cost Resource Allocation  
 Lectures USE Interpretive Talks  
 Legal Liability  
 Legal Procedures  
 Laws and Legal Procedures  
 Legal Procedures and Remedies  
 Legal Rights  
 Local Legends  
 Legislation  
 Enabling Legislation  
 Foreign National and Provincial Legislation  
 Legislative Hearings  
 Legislative Procedures  
 Legislative Reports  
 Legislative Rules  
 Leisure UF Free Time  
 Leisure Styles  
 Length of Visits  
 Less-Than-Fee Interests  
 Water Level Manipulation  
 Administrative Functions and Levels  
 Educational Levels  
 Management Levels  
 Water Levels  
 Levels of Living  
 Liability  
 Contract Liability  
 Criminal Liability  
 Legal Liability  
 Tax Liability  
 Tort Liability  
 Liability Insurance  
 Libraries  
 Licenses  
 Personal Licenses  
 Licenses and Use Permits  
 Lichens  
 Payments in Lieu of Taxes  
 Economic Life  
 Life Cycle  
 Lifeguards  
 Tramways and Lifts UF Inclined Railways; Lifts;  
 Teleferiques  
 Ski Lifts and Tows  
 Outdoor Lights  
 428 Population Limitation UF Birth Control

Limiting Factors  
 Line  
 Linear Programming  
 Mountain Lions  
 Liquid Assets  
 Literature Retrieval Services USE  
 Information Systems  
 Litigation  
 Evidence in Litigations  
 Litter Receptacles  
 Enrichment of Community Living  
 Enrichment of Personal Living  
 Levels of Living  
 Outdoor Living  
 Standards of Living  
 Outdoor Living Equipment  
 Outdoor Living Facilities  
 Loams  
 Guaranteed Loan Programs  
 Loans  
 Local Governments  
 Local Legends  
 Local Ordinances  
 Local Residents  
 Local Residents vs Non-Local Resi-  
 dents  
 Location  
 Economic Location  
 Location Analysis USE Location  
 Theory  
 Location Theory UF Location Analysis  
 Lodges UF Ski Lodges  
 Ski Lodges USE Lodges  
 Lodgings UF Accommodations  
 Long-Run Benefits  
 Long-Run Costs  
 Long-Run Revenues  
 Long-Term Plans USE Master Plans  
 Lookout Towers USE Observation  
 Towers  
 Low Density Population  
 Lumber Camps  
 Lunch Areas  
 Lynx  
 Macroeconomics  
 Magazine Advertising  
 Biological Magnification  
 Direct Mail Advertising  
 Maintenance  
 Operation and Maintenance  
 Maintenance Costs

Maintenance Personnel  
 Mallets  
 Mammals  
 Marine Mammals  
 Coordination of Management  
 Expenditures by Management  
 Fisheries Management  
 Flexibility of Management  
 Forest Management  
 Game Management USE Wildlife Management  
 Habitat Management  
 Land Management USE Resource Management  
 Landscape Management  
 Multiple Use Management  
 Park Management  
 Policies of Management  
 Problems of Management  
 Range Management  
 Recreation Management  
 Resource Management UF Environmental Design;  
 Land Management  
 Water Management  
 Watershed Management  
 Wildlife Management UF Game Management  
 Management Attitudes  
 Management Desires  
 Personnel Management for Visitors and Staff  
 Management Guidelines  
 Management Leadership  
 Management Levels  
 Management Objectives  
 Resource Management Programs  
 Management Science  
 Water Level Manipulation  
 Wild River Manipulation  
 Handbooks and Manuals  
 Manufacturers  
 Mapping Techniques  
 Maps  
 Topographic Maps  
 Marginal Analysis  
 Marginal Benefits  
 Marginal Costs  
 Marginal Physical Products  
 Marginal Rates of Substitution  
 Marginal Revenues  
 Marginal Utility  
 Marinas  
 Marine Activities USE Water Sports  
 Marine Mammals  
 Historical Markers  
 Trail Markers

Market Conditions  
 Market Price Determination  
 Market Prices  
 Market Studies  
 Market Surveys UF Preference Survey  
 Market Values  
 Promotion and Marketing UF Publicity  
 Marketing and Promotion Costs  
 Marketing Techniques  
 Marksmanship  
 Marksmanship Equipment  
 Marksmanship Facilities  
 Marshes USE Wetlands  
 Mass Media  
 Mass Transit Systems  
 Master Plans  
 Plant Materials  
 Radioactive Materials  
 Reference Materials USE Sources of Information  
 Mathematical Models  
 Maximization  
 Profit Maximization  
 Satisfaction Maximization  
 Maximum-Value Resource Allocation  
 Value Measurement  
 Measurement Techniques  
 Measurement Units  
 Communication Media  
 Mass Media  
 Media for Education  
 Medical Sciences  
 Medium Density Population  
 Meetings and Conferences UF Congresses  
 and Conventions  
 Proceedings of Meetings  
 Plays and Melodramas USE Drama  
 Membership Fees  
 National Memorials  
 Mental Effects  
 Mental Health  
 Mental Recreation  
 Merit Systems  
 Scientific Method USE Research Process  
 Methodology USE Research Methods  
 Research Methods UF Methodology  
 Sampling Methods USE Sampling Techniques  
 Metropolitan Areas  
 Metropolitan Authorities  
 Standard Metropolitan Statistical Areas  
 Microeconomics  
 Migratory Bird Hunting Stamps  
 Migratory Birds

Milieu USE Environment  
 Military Lands  
 Surplus Military Lands  
 National Military Parks  
 Military Personnel  
 Military Reservations  
 Mills  
 Acid Mine Drainage  
 Mineral Extraction USE Mining  
 Mineral Smelters  
 Minerals  
 Mines  
 Mining UF Mineral Extraction  
 Mining Camps  
 Minority Groups  
 Misuses USE Adverse Uses  
 Resource Mix  
 Mobile Homes  
 Mobility  
 Mobility of Resources  
 Mathematical Models  
 Weather Modification  
 Monetary Benefits  
 Money USE Cash  
 Monopolistic Competition  
 Monopoly  
 Pure Monopoly  
 Monorails  
 National Monuments  
 Moose  
 Moral Effects  
 Moral Values  
 Mosquitos USE Injurious Insects  
 Mosses  
 Motels UF Tourist Courts  
 Motivation  
 Motor Pools  
 Motor Scooters  
 Motor Vehicles  
 Motorbike Trails  
 Motorbikes  
 Motorboat Fuel Taxes USE Excise Taxes  
 Motorboating  
 Motorboats  
 Motorcycles  
 Motorcycling  
 Boat Motors  
 Mountain Climbing  
 Mountain Lions  
 Mountains  
 Multiple Use  
 Multiple Use Management

Economic Multipliers

Municipal Areas  
Municipal Forests  
Municipal Ordinances  
Municipal Parks  
Municipal Recreation  
Municipal Squares  
Municipalities USE Cities  
Museums

Art Museums and Galleries

Music  
Musical Events  
Narcotics UF Drugs

Foreign National and Provincial Legislation

National Battlefield Parks  
National Battlefield Sites  
National Battlefields  
National Capital Parks  
National Cemeteries  
National Forest Purchase Units  
National Forest System  
National Forests  
National Grasslands  
National Heritage  
National Historical Sites  
National Lakeshores  
National Memorials  
National Military Parks  
National Monuments  
National Park System  
National Parks  
National Parkways  
National Planning USE Nationwide  
Planning  
National Recreation Areas  
National Scenic and Recreation Trails  
National Scenic and Wild Rivers  
National Scenic and Wild Rivers Systems  
National Seashores  
National Tourist Offices  
National Wild and Scenic Rivers  
National Wilderness System  
National Wildlife Refuges  
Nationwide Outdoor Recreation Plan  
Nationwide Planning UF National  
Planning

Outstanding

Natural Areas  
Natural Areas  
Natural Areas  
Natural Beauty  
Natural Bridges and Arches  
Natural Environment

Natural Environment Areas  
 Natural Resources  
 Natural Resources UF Resources;  
 Physiography  
 Naturalists USE Interpretive Specialists

Balance of Nature  
 Observing Nature  
 Photographing Nature  
 Nature Books  
 Nature Centers  
 Nature Study  
 Nature Study Equipment  
 Nature Study Facilities  
 Nature Trails  
 Nature Walking  
 Navigation  
 Needs

Future Needs  
 Satisfaction of Needs UF Self-Fulfillment  
 Needs for Recreation  
 Negligence  
 Neighborhood Parks  
 Neighborhood Playgrounds  
 Net Profits  
 Net Revenues  
 Nets  
 Newspaper Advertising  
 Nineteenth Century History  
 Noise Pollution

Private Non-Commercial Recreation  
 Non-Conforming Uses  
 Non-Local Residents  
 Local Residents vs Non-Local Residents  
 Non-Profit Corporations  
 Non-Recreation Enterprises  
 Non-Reimbursable Benefits  
 Non-Reimbursable Costs  
 Noncommercial Units  
 Nonrenewable Resources  
 Nuisances  
 Oars and Paddles

Management Objectives  
 Selection of Objectives  
 Objectives of Planned Changes  
 Observation Towers UF Lookout Towers  
 Observatories  
 Observing Nature

Activity Occasions  
 Occupations  
 Oceanic Travelling USE Boat Cruising  
 Oceanography

Oceans and Seas  
 Business Offices  
 National Tourist Offices  
 Park Offices  
 Post Offices  
 Oligopoly  
 Olympiad USE Olympic Games  
 Olympic Games  
 Open Space  
 Opera Houses  
 Operating Costs  
 Operation and Maintenance  
 Operations Research  
 Accessibility of Opportunities  
 Development Opportunities  
 Employment Opportunities  
 Financial Opportunities  
 Ownership of Recreation Opportunities  
 Political Opportunities  
 Potential Recreational Opportunities  
 Recreational Opportunities  
 Supply of Recreational Opportunities  
 Economic Opportunity  
 Opportunity Costs  
 Options  
 Executive Orders  
 County Ordinances  
 Local Ordinances  
 Municipal Ordinances  
 Statutes and Ordinances  
 Constitutions and Organic Acts  
 Organization Camps USE Group Camps  
 Organization of Design  
 Organization Philosophies  
 Organizations  
 Community Organizations  
 Non-Profit Organizations  
 Professional Organizations  
 Research Organizations  
 Tourist Promotional Organizations  
 Travel Organizations  
 Organized Recreation  
 Otters  
 Outdoor Advertising UF Billboards  
 Outdoor Cooking  
 Outdoor Education USE Environmental  
 Education  
 Outdoor Furniture  
 Outdoor Lights  
 Outdoor Living  
 Outdoor Living Equipment



Outdoor Living Facilities  
 Outdoor Play Equipment  
 Equipment for Outdoor Recreation  
     General Outdoor Recreation Areas  
     Nationwide Outdoor Recreation Plan  
         Outdoor Recreation Plans   UF Com-  
         prehensive Outdoor Recreation Plans  
 Comprehensive Outdoor Recreation Plans   USE Out-  
         door Recreation Plans  
         Outdoor Recreation Resources and  
         Facilities  
         Outdoor Theaters  
         Outfitters  
         Outstanding Natural Areas  
         Outstanding Rock Formations  
         Overflow Campgrounds  
         Overlooks  
         Ownership of Recreation Opportunities  
 Equipment Ownership Ratios  
         Paddle Tennis  
         Oars and Paddles  
         Pageants   USE Exhibitions  
         Painting  
         Parachutes  
         Parachuting  
         Parades  
         State Park Agencies  
         Park Caretakers  
         Senior Park Caretakers  
         Student Park Employees  
         Park Foremen  
         Park Interns  
         Park Management  
         Park Offices  
         Park Rangers  
         Park Superintendents  
 National Park System  
         Parking Areas  
         Parks  
         Amusement Parks  
         County Parks  
         Directors of Parks  
 Directors of Recreation and Parks  
         Municipal Parks  
         National Parks  
 National Battlefield Parks  
         National Capital Parks  
         National Military Parks  
         Neighborhood Parks  
         Private Parks  
         State Parks  
 436 Vest Pocket Parks

Historic Parks and Restorations  
     Parkways  
 National Parkways  
     Participants USE Users  
     Family Participation  
     Time of Participation  
     Participation Rates  
     Passengers USE Users  
     Passports and Visas  
 Critical Path Techniques  
     Pathology  
     Animal Pathology  
     Plant Pathology  
     Ski Patrol Buildings  
     Ski Patrols  
     Dance Pavilions  
     Ability to Pay  
 Willingness to Pay  
     Payments in Lieu of Taxes  
     Peaking in Use  
     Perception  
     Design Perception  
     Perception of Landscape  
     Perfect Economic Competition  
     Performing Arts  
     Periodicals  
     Soil Permeabilities  
     Permits  
 Licenses and Use Permits  
     Personal Permits  
     Personal Incomes  
     Personal Licenses  
     Enrichment of Personal Living  
     Personal Permits  
     Renewal of Personal Resources  
     Personal Rights  
     Personal Services  
     Personnel  
 Administrative Personnel  
     Clerical Personnel  
     Educational Personnel  
     Leadership Personnel  
     Maintenance Personnel  
     Military Personnel  
     Professional Personnel UF Recreators  
     Promotion of Personnel  
 Subprofessional Personnel  
     Supervisory Personnel  
     Trainee Personnel  
     Personnel Costs UF Labor Costs  
     Personnel Housing

Personnel Management for Visitors  
and Staff

III Persons

Handicapped Persons UF Disabled  
Disabled Persons USE Handicapped Persons

Pesticides

Petroglyphs and Pictographs

Pharmacies USE Drugstores

Pheasants

Philosophical Concepts

Organization Philosophies

Resource Use Philosophies

Philosophies of Recreation

Philosophies of Resource Use

Photogrammetry

Photographic Equipment

Photographic Essays

Photographing Nature

Photographing Sports

Photographs

Aerial Photographs

Photography

Films for Photography

Underwater Photography

Physical Education

Physical Effects

Physical Fitness

Physical Product

Marginal Physical Products

Physical Recreation

Physical Values

Physiography USE Natural Resources

Picnic Shelters

Picnic Units

Picnicking

Petroglyphs and Pictographs

Piers

Docks and Piers UF Wharfs

Pike

Pioneer Farms

Pioneer Villages

Horseshoe Pitching

Places of Residence

Flood Plains

Nationwide Outdoor Recreation Plan

Plan Implementation

Plan Specifications

Plan Types

Planned Capacity

Objectives of Planned Changes

Area Planning

City Planning

Criteria for Planning

Economic Planning  
 Facility Planning  
 National Planning USE Nationwide Planning  
 Nationwide Planning UF National Planning  
 Regional Planning UF Planning Regions; River  
 Basin Planning  
 Research Planning  
 River Basin Planning USE Regional Planning  
 Site Planning  
 State Planning  
 Trip Planning  
 Urban Planning  
 Planning Analysis  
 Planning and Design UF Environmental  
 Design  
 Planning Areas  
 Planning Commissions  
 Planning Constraints  
 Planning Costs  
 Planning Departments  
 Planning Process USE Planning Analysis  
 Planning Regions USE Regional Planning  
 Planning Standards and Criteria  
 Planning Theory  
 Approval of Plans  
 Comprehensive Plans UF Comprehensive Outdoor Rec-  
 reation Plans  
 Comprehensive Outdoor Recreation Plans USE Outdoor Recreation Plans  
 Construction Plans  
 Historic Preservation Plans  
 Implementation of Plans  
 Justification for Plans  
 Land Use Plans  
 Long-Term Plans USE Master Plans  
 Master Plans  
 Outdoor Recreation Plans UF Comprehensive Outdoor Rec-  
 reation Plans  
 Preliminary Plans UF Sketch Plans  
 Recreation Plans, Comprehensive Plans  
 Recreation Plans, Comprehensive Plans  
 Regional Plans  
 Research Plans  
 Short-Term Plans  
 Site Plans  
 Sketch Plans USE Preliminary Plans  
 Ranges (Plant Communities)  
 Aquatic Plant Control  
 Poisonous Plant Control  
 Plant Indicators  
 Plant Materials  
 Plant Pathology  
 Fish Planting USE Fish Stocking

Collecting Plants  
 Planting Easements  
 Plants USE Vegetation  
 Play USE Recreation Activities  
 Outdoor Play Equipment  
 Playfields  
 Playground Equipment USE Outdoor  
 Play Equipment  
 Neighborhood Playgrounds  
 Plays and Melodramas USE Drama  
 Pleasure  
 Driving for Pleasure  
 Vest Pocket Parks  
 Break-Even Point  
 Focal Points  
 Vista Points  
 Poisonous Plant Control  
 Pole Vaulting  
 Policies  
 Criteria for Policies  
 Economic Policies  
 Policies of Management  
 Policy Implementation  
 Policy Issues  
 Policy Translation  
 Policy-Making  
 Policy-Making Process  
 Political Economy  
 Political Effects  
 Political Opportunities  
 Political Representation  
 Political Resource Allocation  
 Political Science  
 Politics  
 Polls USE Surveys  
 Pollutants  
 Pollution  
 Air Pollution UF Smog  
 Noise Pollution  
 Soil Pollution  
 Thermal Pollution  
 Pollution Abatement  
 Pollution Control  
 Polo  
 Water Polo  
 Ponds  
 Fishing Ponds USE Fishing Lakes  
 Pools  
 Motor Pools  
 Spray Pools  
 Swimming Pools  
 Wading Pools

Low Density Population  
 High Density Population  
 Medium Density Population  
     Population Characteristics  
     Population Distribution  
     Population Explosion  
     Population Limitation UF Birth Con-  
         troll  
     Population Studies  
     Portage Trails  
     Ports USE Harbors  
     Post Offices  
 Trading Posts  
 Profit-Making Potential  
     Potential Recreational Opportunities  
     Power Development  
     Power Structure  
     Power Systems  
     Predator Control  
     Predatory Birds  
 Demand Prediction UF Demand Projections  
     Prediction Techniques  
 Benefit Predictions  
 Demand Predictions  
     Use Predictions  
         Preference Surveys USE Market Surveys  
         Preferences  
 Racial and Religious Prejudice  
     Preliminary Plans UF Sketch Plans  
     Preschool Children  
     Preservation  
     Preservation of Resources  
 Historic Preservation Plans  
     Preservation vs Utilization  
     Game Preserves  
 Hunting Preserves  
     Pressure Groups USE Special Interest  
         Groups  
 Accident Prevention  
     Market Price Determination  
     Market Prices  
         Pricing  
         Primary Benefits  
         Primary Costs  
         Primary Education  
         Primary Industries  
         Primary Schools  
         Primary Uses UF Dominant Uses  
         Primitive Areas USE Wilderness Areas  
         Primitive Camping  
         Principal

Satiety Principle  
 Recreation Principles  
     Priorities  
     Private Capital  
     Private Forests  
     Private Housing  
     Private Non-Commercial Recreation  
     Private Parks  
     Private Properties  
 Public Sector vs Private Sector  
     Probate Proceedings  
     Problem Identification  
     Problem Identification and Specification  
     Problems of Management  
     Adjudication Procedures  
     Administrative Procedures  
         Appellate Procedures  
         Criminal Procedures  
     Laws and Legal Procedures  
         Legal Procedures  
     Legislative Procedures  
         Safety Procedures  
         Legal Procedures and Remedies  
     Probate Proceedings  
         Proceedings of Meetings  
     Policy-Making Process  
         Development Process  
             Design Process  
             Research Process   UF Scientific Method  
             Planning Process   USE Planning Analysis  
     Electronic Data Processing  
         Physical Product  
         Value Product  
             Product Distribution  
         Timber Production  
         Joint Production Analysis  
             Production Costs  
             Soil Productivities  
 Differentiation of Products  
     Diversified Products  
 Marginal Physical Products  
     Value of Products  
         Professional Accreditation   USE Accreditation  
         Professional Education  
         Professional Organizations  
         Professional Personnel   UF Recreators  
         Professors   USE Educators  
         Profit Maximization  
         Profit-Making Potential  
         Profits   UF Rates of Return

Gross Profits  
Net Profits  
Recreation Program  
Computer Programming  
Financial Programming  
Linear Programming  
Administrative Programs  
Conservation Programs  
Coordination Programs  
Credit Programs  
Financial Assistance Programs  
Grant Programs  
Guaranteed Loan Programs  
Information Programs  
Recreation Programs  
Regulatory Programs  
Research Programs  
Resource Management Programs  
Technical Assistance Programs  
Training and Education Programs  
Demand Projections USE Demand Predictions  
Land Utilization Projects  
Research Projects  
Promotion and Marketing UF Publicity  
Marketing and Promotion Costs  
Promotion of Personnel  
Tourist Promotional Organizations  
Promotional Techniques  
Propagation  
Fish Propagation  
Private Properties  
Property Rights  
Property Taxes  
Property Values  
Proportionality  
Research Proposals  
Proration  
Protection of Resources  
Foreign National and Provincial Legislation  
Proximity  
Psychiatry  
Psychological Factors  
Psychological Values  
Psychology  
Social Psychology  
Public Administration  
Public Agencies  
Public Recreation  
Public Relations  
Public-Private Cooperation  
Public Sector vs Private Sector



Publicity USE Promotion and Mar-  
 keting  
 National Forest Purchase Units  
 Fee Purchases  
 Purchases and Lease-Back  
 Pure Monopoly  
 Water Purification  
 Purposes of Costs  
 Purposes of Legislation  
 Quail  
 Staff Qualifications  
 Development Quality  
 Environmental Quality  
 Water Quality  
 Water Quality Control  
 Quality Impacts on Benefits  
 Quality Impacts on Costs  
 Quality of Resources  
 Water Quality Standards  
 Quality vs Quantity  
 Quantity of Resources UF Scarcity  
 of Resources  
 Quasi-Public Units  
 Questionnaires USE Surveys  
 Rabbits  
 Raccoons  
 Human Races  
 Racetracks  
 Racial and Religious Prejudice  
 Racing  
 Air Racing  
 Auto Racing  
 Bicycle Racing  
 Boat Racing  
 Cross Country Racing  
 Horse Racing  
 Hurdle Racing  
 Relay Racing  
 Racing Boats  
 Racing Cars  
 Radioactive Materials  
 Rafts  
 Railroad Beds  
 Railroad Stations  
 Railroad Tunnels  
 Railroads  
 Inclined Railways USE Tramways and Lifts  
 Scenic Railways  
 Rain  
 Boat Launching Ramps  
 Dude Ranches

Ranch Management  
 Park Rangers  
 Ranges (Plant Communities)  
 Golf Driving Ranges  
 Shooting Ranges  
 Target Ranges  
 Rapids UF Cascades; Whitewater  
 Rapids Running  
 Raquets  
 Capitalization Rates  
 Participation Rates  
 Rates of Return USE Profits  
 Marginal Rates of Substitution  
 Rationing of Use  
 Equipment Ownership Ratios  
 Water Re-Use  
 Receipts USE Revenues  
 Rental Receipts  
 Litter Receptacles  
 Reclamation  
 Recommendations  
 Use Records  
 Cost Recovery UF Cost Repayment  
 Recreation  
 Church Recreation  
 Commercial Recreation  
 Community Recreation  
 Creative Recreation USE Artistic Activities  
 Deterrents to Recreation  
 Directors of Recreation  
 Equipment for Outdoor Recreation  
 Family Recreation  
 Industrial Recreation  
 Institutional Recreation  
 International Recreation  
 Mental Recreation  
 Municipal Recreation  
 Needs for Recreation  
 Organized Recreation  
 Philosophies of Recreation  
 Physical Recreation  
 Private Non-Commercial Recreation  
 Public Recreation  
 Resource-Oriented Recreation  
 Rural Recreation  
 School Recreation  
 Seasonal Recreation  
 Social Recreation USE Social Activities  
 Therapeutic Recreation  
 Urban Recreation  
 Valuation of Recreation  
 Visitor-Oriented Recreation

Recreation Activities UF Amusements;  
 Play  
 Recreation Activities, Equipment,  
 Users  
 State Recreation Agencies  
 Directors of Recreation and Parks  
 Recreation Areas  
 County Recreation Areas  
 General Outdoor Recreation Areas  
 High Density Recreation Areas  
 National Recreation Areas  
 Reservoir Recreation Areas  
 Recreation Attendants  
 Recreation Businesses USE Recreation  
 Enterprises  
 Recreation Centers  
 Recreation Communities UF Colonies  
 Recreation Complexes  
 Recreation Days USE Visitor Days  
 Recreation Districts  
 Recreation Enterprises UF Recreation  
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 Recreation Facilities  
 Recreation Interns  
 Recreation Leaders  
 Senior Recreation Leaders  
 Specialized Recreation Leaders  
 Student Recreation Leaders  
 Recreation Leadership  
 Recreation Leases  
 Recreation Management  
 Ownership of Recreation Opportunities  
 Potential Recreation Opportunities  
 Comprehensive Outdoor Recreation Plan, Comprehensive Plans  
 Nationwide Outdoor Recreation Plans  
 Recreation Plans, Comprehensive Plans  
 Comprehensive Outdoor Recreation Plans USE Outdoor Rec-  
 reation Plans  
 Outdoor Recreation Plans UF Comprehensive Out-  
 Door Recreation Plans  
 Recreation Principles  
 Recreation Program  
 Recreation Programs  
 Recreation Resource Classes  
 Outdoor Recreation Resources and Facilities  
 Recreation Schools  
 Recreation Settings  
 Recreation Skills  
 Staff Recreation Specialists  
 District Recreation Supervisors  
 Specialized Recreation Supervisors  
 Recreation Taxes

Recreation Theory  
 National Scenic and Recreation Trails  
 Recreation Use UF Attendance  
 Recreational Facilities  
 Recreational Opportunities  
 Potential Recreational Opportunities  
 Supply of Recreational Opportunities  
 Recreational Resource Analysis USE  
 Suitability of Resources  
 Recreationists USE Users  
 Recreators USE Professional Personnel  
 Recruitment  
 Reference Materials USE Sources of  
 Information  
 References  
 Refuges USE Wildlife Refuges  
 National Wildlife Refuges  
 Wildlife Refuges UF Bird Sanctuaries; Refuges  
 Regional Development  
 Regional Economic Benefits  
 Regional Planning UF Planning Regions;  
 River Basin Planning  
 Regional Plans  
 Planning Regions USE Regional Planning  
 Registrations  
 Administrative Regulations  
 Custom Regulations  
 Special-District Regulations  
 Visitor Regulations  
 Zoning Regulations  
 Regulatory Legislation  
 Regulatory Programs  
 Rehabilitation  
 Rehabilitation of Resources UF  
 Restoration  
 Reimbursable Benefits  
 Reimbursable Costs  
 Reimbursement USE Repayment  
 Public Relations  
 Relaxation  
 Relay Racing  
 Religions  
 Racial and Religious Prejudice  
 Religious Sites  
 Glacial Remains  
 Legal Procedures and Remedies  
 Renewable Resources  
 Renewal of Inner Resources  
 Renewal of Personnel Resources  
 Rent  
 Rental Autos  
 Rental Cabins UF Cottages

Rental Receipts  
 Boat Rentals  
 Repayment UF Reimbursement  
 Cost Repayment USE Cost Recovery  
 Replacement Costs  
 Report Writing  
 Reports  
 Legislative Reports  
 Political Representation  
 Research  
 Operations Research  
 Research Ideas  
 Research Methods UF Methodology  
 Research Organizations  
 Research Planning  
 Research Plans  
 Research Process UF Scientific  
 Method  
 Research Programs  
 Research Projects  
 Research Proposals  
 Research Results  
 Reservation Services  
 Military Reservations  
 Reservoir Recreation Areas  
 Reservoirs  
 Places of Residence  
 Residence Sites  
 Resident Camping  
 Local Residents  
 Non-Local Residents  
 Local Residents vs Non-Local Residents  
 Conflict Resolution  
 Resorts UF Spas  
 Winter Resorts  
 Economic Resource Allocation  
 Least-Cost Resource Allocation  
 Maximum-Value Resource Allocation  
 Political Resource Allocation  
 Recreational Resource Analysis USE Suitability  
 of Resources  
 Resource Capabilities  
 Resource Characteristics  
 Recreation Resource Classes  
 Resource Descriptions  
 Water Resource Development  
 Resource Engineering  
 Resource Management UF Environmental  
 Design; Land Management  
 Resource Management Programs  
 Resource Mix  
 Resource Types

Philosophies of Resource Use  
 Resource Use Philosophies  
 Resource Uses  
 Alternative Resource Uses  
 Compatible Resource Uses  
 Competing Resource Uses  
 Competition Among Resource Uses  
 Complementary Resource Uses  
 Enhancement of Resource Values  
 Resource-Oriented Recreation  
 Resources USE Natural Resources;  
 Historical and Cultural  
 Resources  
 Accessibility of Resources  
 Allocation of Resources  
 Archeological Resources  
 Classification of Resources  
 Cultural Resources  
 Demand for Resources  
 Economic Resources  
 Effects on Resources  
 Exhaustibility of Resources  
 Flow Resources USE Renewable Resources  
 Fund Resources USE Nonrenewable Resources  
 Geological Resources  
 Historical Resources  
 Mobility of Resources  
 Natural Resources UF Resources; Physiography  
 Nonrenewable Resources  
 Preservation of Resources  
 Protection of Resources  
 Quantity of Resources UF Scarcity of Resources  
 Rehabilitation of Resources UF Restoration  
 Renewable Resources  
 Renewal of Inner Resources  
 Renewal of Personal Resources  
 Scarcity of Resources USE Quantity of Resources  
 Substitutibility of Resources  
 Substitutable Resources  
 Suitability of Resources  
 Uniqueness of Resources  
 Water Resources  
 Outdoor Recreation Resources and Facilities  
 Citizen Responsibilities  
 Allocation of Responsibilities  
 Responsibility Designations  
 Restaurants USE Food Services  
 Restoration USE Rehabilitation of  
 Resources  
 Historic Parks and Restorations  
 Credit Restrictions  
 Restrooms UF Comfort Stations;  
 Toilets

Research Results  
 Retired USE Aged  
 Data Storage and Retrieval  
 Retrieval Information Systems UF Literature  
 Retrieval Services  
 Literature Retrieval Service USE Information Systems  
 Retrieval Services USE Information Systems  
 Rates of Return USE Profits  
 Diminishing Returns  
 Returns on Investment  
 Returns to Scale  
 Revenue Sources  
 Revenues UF Receipts  
 Annual Revenues  
 Average Revenues  
 Deferred Revenues  
 Fixed Revenues  
 Gross Revenues  
 Long-Run Revenues  
 Marginal Revenues  
 Net Revenues  
 Short-Run Revenues  
 Total Revenues  
 Variable Revenues  
 Horseback Riding  
 Sleigh Riding  
 Riding Equipment  
 Riding Stables  
 Air Rights  
 Civil Rights  
 Contract Rights  
 Development Rights  
 Fee Rights  
 Legal Rights  
 Personal Rights  
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 Riparian Rights  
 Rights of Way  
 Rights to Sue  
 Show Rings  
 Ice Skating Rinks  
 Roller Skating Rinks  
 Skating Rinks  
 Riparian Lands USE Shorelines  
 Riparian Rights  
 Risk  
 River Basin Planning USE Regional Planning  
 River Basins  
 Wild River Manipulation  
 River Touring  
 Rivers  
 Float Rivers USE Scenic Rivers

Free Flowing Rivers USE Wild Rivers  
 National Scenic and Wild Rivers  
 National Wild and Scenic Rivers  
     Scenic Rivers UF Float Rivers  
     Wild Rivers UF Free Flowing Rivers  
 National Scenic and Wild Rivers System  
     Roads  
     Access Roads  
     Scenic Roads  
 Wagon and Stage Roads  
     Roads and Bridges  
     Roadside Developments  
 Outstanding Rock Formations  
     Rockfish  
     Rockhounding  
 Balanced Rocks  
     Castle Rocks  
     Roller Skating  
     Roller Skating Rinks  
     Round Dancing  
     Rowboats  
     Rowing  
     Rugby  
 Legislative Rules  
     Rapids Running  
     Bobsled Runs  
     Toboggan Runs  
     Rural Areas  
     Rural Recreation  
     Safety  
     Water Safety  
     Safety Codes  
     Safety Equipment  
 Health and Safety Guidelines  
     Safety Procedures  
     Sailboats  
     Sailfish  
     Sailing  
     Sails  
     Salaries  
     Sales  
     Sales Taxes USE Excise Taxes  
     Salmon  
     Salt Water Fishing  
     Saltwater Fish  
     Salvage Values  
     Sampling Methods USE Sampling  
         Techniques  
     Sampling Techniques UF Sampling  
         Methods  
     Bird Sanctuaries USE Wildlife Refuges  
     Sands



Sanitary Engineering  
 Sanitation  
 Sanitation System  
 Satiety Principle  
 Aesthetic Satisfaction  
 Satisfaction Maximization  
 Satisfaction of Needs UF Self-Ful-  
 fillment  
 Sawmills  
 Returns to Scale  
 Scale Economies  
 Scarcity of Resources USE Quantity  
 of Resources  
 National Scenic and Recreation Trails  
 National Scenic and Wild Rivers  
 National Scenic and Wild Rivers System  
 Scenic Areas  
 Scenic Easements  
 Scenic Railways  
 National Wild and Scenic Rivers  
 Scenic Rivers UF Float Rivers  
 Scenic Roads  
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 Elementary School Children  
 School Recreation  
 Schools  
 Primary Schools  
 Recreation Schools  
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 Political Science  
 Biological Sciences  
 Earth Sciences  
 Medical Sciences  
 Social Sciences  
 Scientific Method USE Research  
 Process  
 Scientific Sites  
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 Scuba Diving  
 Scuba Gear  
 Sculpture  
 Seals  
 Oceans and Seas  
 National Seashores  
 Seashores USE Shorelines  
 Seasonal Accommodations  
 Seasonal Employment  
 Seasonal Recreation

Seasons  
 Fishing Seasons  
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 Second Homes USE Vacation Homes  
 Secondary Benefits  
 Secondary Costs  
 Secondary Education  
 Secondary Schools  
 Secondary Uses UF Subordinant Uses  
 Public Sector vs Private Sector  
 Sedimentation  
 Seesaws  
 Equipment Selecting  
 Area Selection  
 Criteria Selection  
 Site Selection  
 Selection of Best Alternative  
 Selection of Information  
 Selection of Objectives  
 Self-Fulfillment USE Satisfaction of  
 Needs  
 Seminars USE Workshop Conferences;  
 Short Courses  
 Senior Citizens USE Aged  
 Senior Park Caretakers  
 Senior Recreation Leaders  
 Separable Benefits  
 Separable Costs  
 Literature Retrieval Service USE Information Systems  
 Visitor Service Centers UF Information Centers  
 Visitor Service Developments  
 Visitor Service Facilities  
 Auto Service Stations  
 Communications Services  
 Credit Travel Services  
 Guide Services  
 Personal Services  
 Reservation Services  
 Transportation Services  
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 Sexes  
 Cost Sharing  
 Bighorn Sheep  
 Adirondack Shelters  
 Kitchen Shelters  
 Picnic Shelters  
 Trailside Shelters  
 Cruise Boats and Ships  
 Clout Shooting  
 Skeet and Trap Shooting  
 Target Shooting  
 Shooting Equipment

Shooting Ranges  
 Shooting Centers  
 Blacksmith Shops  
 Shore Birds  
 Shorelines UF Coastlines; Lake-  
 shores; Riparian Lands;  
 Seashores  
 Short Courses UF Seminars  
 Short-Run Benefits  
 Short-Run Costs  
 Short-Run Revenues  
 Short-Term Plans  
 Short-Term Touring  
 Shot-Putting  
 Show Rings  
 Animal Shows  
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 Sound-and-Light Shows  
 Shrubs  
 Shuffleboard  
 Shuffleboard Courts  
 Shuffleboard Equipment  
 Shuttlecocks  
 Sightseeing USE Touring  
 Signs  
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 Sink Holes  
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 Site Planning  
 Site Plans  
 Site Selection  
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 Boating Sites  
 Cultural Areas and Sites  
 Historic and Cultural Sites  
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 Indian Village Sites  
 National Battlefield Sites  
 National Historical Sites  
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 Residence Sites  
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 Skateboarding  
 Skateboards  
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Ice Skating Rinks  
Roller Skating Rinks  
Skeet and Trap Equipment  
Skeet and Trap Shooting  
Sketch Plans USE Preliminary Plans  
Snow Ski Equipment  
Water Ski Equipment  
Ski Jumping  
Ski Jumps  
Ski Lifts and Tows  
Ski Lodges USE Lodges  
Ski Patrol Buildings  
Ski Patrols  
Ski Slopes  
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Downhill Skiing  
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Snow Skiing  
Skiing Trails  
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Sky Diving USE Parachuting  
Slalom Skiing  
Sledding  
Sleds  
Sleeping Bags  
Sleigh Riding  
Sleighs  
Slides  
Ski Slopes  
Mineral Smelters  
Smog USE Air Pollution  
Snakebites  
Snorkeling  
Snorkels  
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Snow Ski Equipment  
Snow Skiing  
Snowmobile Trails  
Snowmobiles  
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Snowplay Areas  
Snowshoeing  
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Soaring  
Soccer  
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Social Conditions  
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Social Effects  
 Social Goals  
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 Social Recreation USE Social  
     Activities  
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 Benefits to Society  
 Effects on Users and Society  
 Institutions of Society  
 Benefits to Society vs to Individuals  
 Sociology  
 Softball  
 Softball Diamonds  
 Soil Bearing Capacities  
 Soil Capabilities  
 Soil Characteristics  
 Soil Conservation  
 Soil Permeabilities  
 Soil Pollution  
 Soil Productivities  
 Soil Stabilities  
 Soil Textures  
 Soil Trafficabilities  
 Soils  
 Solid Wastes  
 Alternative Solutions  
 Criteria for Alternative Solutions  
 Tests of Alternative Solutions  
 Song Birds  
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 Capital Sources  
 Revenue Sources  
 Sources of Information UF Reference  
     Materials  
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 Open Space  
 Camping Space UF Family Units  
 Trailer Spaces  
 Tent Spaces  
 Spatial Distributions USE Geographi-  
     cal Distributions  
 Spatial Interactions  
 Special Collections  
 Special Districts  
 Special Interest Groups UF Pressure  
     Groups  
 Special-District Regulations  
 Staff Recreation Specialists  
 Interpretive Specialists UF Naturalists  
 Specialized Recreation Leaders  
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Endangered Species  
Problem Identification and Specification  
Specifications  
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Speculation USE Escalation of Costs  
Speech  
Speeches  
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Sporting Goods Industry  
Sporting Goods Stores  
Aquatic Sports USE Water Sports  
Photographing Sports  
Team Sports  
Track and Field Sports  
Water Sports UF Aquatic Sports  
Winter Sports  
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Vehicular Sports Equipment  
Water Sports Equipment  
Winter Sports Equipment  
Water Sports Facilities  
Winter Sports Facilities  
Sports Instruction USE Coaching  
Winter Sports Sites  
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Spring  
Springs  
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Soil Stabilities  
Riding Stables  
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Personnel Management for Visitors and Staff  
Staff Qualifications  
Staff Recreation Specialists  
Wagon and Stage Roads  
Migratory Bird Hunting Stamps  
Standard Metropolitan Statistical Areas  
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Design Standards  
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State Fish and Game Agencies USE  
State Wildlife Agencies

State Forest Agencies  
 State Forests  
 State Governments  
 State Grants  
 State Park Agencies  
 State Parks  
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 State Recreation Agencies  
 State Statutes  
 State Tourist Agencies  
 State Wildlife Agencies  
 Auto Service Stations  
 Comfort Stations USE Restrooms  
 Railroad Stations  
 Standard Metropolitan Statistical Areas  
 Statistical Techniques  
 Federal Statutes  
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 Statutes and Ordinances  
 Steam Engines  
 Fish Stocking UF Fish Planting  
 Wildlife Stocking  
 Stocks UF Equity Capital  
 Stones  
 Data Storage and Retrieval  
 Grocery Stores  
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 Storms  
 Stoves USE Fireplaces and Grills  
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 Structural Design  
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 Administrative Structures  
 Administrative Structures and Developments  
 Student Park Employees  
 Student Recreation Leaders  
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 Economic Studies USE Economic Analysis  
 Graduate Study  
 Nature Study  
 Undergraduate Study  
 Nature Study Equipment  
 Nature Study Facilities  
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 Leisure Styles  
 Subordinant Uses USE Secondary Uses  
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 Substitutibility of Resources  
 Substitutable Activities

Substitutable Goods  
 Substitutable Resources  
 Marginal Rates of Substitution  
 Substitution Among Activities  
 Substitution Effects  
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 Rights to Sue  
 Suitability of Resources UF Recrea-  
 tion Resource Analysis  
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 Park Superintendents  
 Superlative Areas  
 Supervision  
 District Recreation Supervisors  
 Specialized Recreation Supervisors  
 Supervisory Personnel  
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 Coordination of Suppliers  
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 Elasticity of Supply  
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 Supply of Capital  
 Supply of Recreational Opportunities  
 Water Supply Systems  
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 Survey Techniques  
 Surveys UF Polls; Interviews; Quest-  
 ionnaires  
 Job Surveys  
 Market Surveys UF Preference Surveys  
 Preference Surveys USE Market Surveys  
 Transportation Surveys  
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 Survival Education  
 Sustained Yield  
 Swamps USE Wetlands  
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 Swimming Beaches  
 Swimming Pools  
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 National Park System  
 National Wilderness System  
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Classification Systems  
   Information Systems   UF Literature Retrieval  
                           Services; Retrieval Services  
   Mass Transit Systems  
     Merit Systems  
     Power Systems  
     Sanitation Systems  
   Water Supply Systems  
     Systems Analysis  
     Tables  
     Tagging  
   Interpretive Talks   UF Lectures  
   Valuation of Tangible Benefits  
     Tangible Benefits  
     Tangible Costs  
     Target Ranges  
     Target Shooting  
     Targets  
     Taverns  
     Tax Legislation  
     Tax Liability  
     Taxes  
       Business Taxes  
       Capital Gains Taxes  
       Excise Taxes   UF Sales Taxes  
       Income Taxes  
       Motorboat Fuel Taxes   USE Excise Taxes  
   Payments in Lieu of Taxes  
     Property Taxes  
     Recreation Taxes  
       Sales Taxes   USE Excise Taxes  
       Teachers   USE Educators  
       Team Sports  
       Technical Assistance Programs  
       Technical Feasibility  
   Analytical Techniques  
   Critical Path Techniques  
     Estimation Techniques  
     Mapping Techniques  
     Marketing Techniques  
   Measurement Techniques  
   Prediction Techniques  
   Promotional Techniques  
     Sampling Techniques   UF Sampling Methods  
   Statistical Techniques  
     Survey Techniques  
   Valuation Techniques  
     Technology  
     Teenagers  
     Teleferiques   USE Tramways and Lifts  
     Television  
     Temperature  
     Tennis

Paddle Tennis  
     Tent Spaces  
     Tent Trailers  
     Tents  
     Tests of Alternative Solutions  
     Tether Ball  
     Soil Textures  
     Theaters  
 Outdoor Theaters  
     Theme Villages  
 Decision Theory  
     Demand Theory  
 Information Theory  
     Location Theory   UF Location Analysis  
     Planning Theory  
     Recreation Theory  
         Therapeutic Recreation  
         Thermal Pollution  
         Thesauri  
     Discus Throwing  
     Hammer Throwing  
     Javelin Throwing  
     Weight Throwing  
 Tickets and Ticketing  
     Tickets and Ticketing  
     Timber Production  
 Driving Time  
     Free Time   USE Leisure  
     Time of Participation  
     Timing  
     Timing of Use  
     Toboggan Runs  
     Tobogganing  
     Toboggans  
     Toilets   USE Restrooms  
     Topographic Maps  
     Topography  
     Tort Claims  
     Tort Liability  
     Total Benefits  
     Total Costs  
     Total Revenues  
     Tour Fees  
     Tour Guides  
     Touring   UF Excursions; Sightseeing;  
                 Tourism  
     Auto Touring  
     Domestic Touring  
     Foreign Touring  
     River Touring  
     Short-Term Touring  
     Vacation Touring

Touring and Exploring  
 Touring and Exploring Facilities  
 Touring Equipment  
 Tourism USE Touring  
 State Tourist Agencies  
 Tourist Courts USE Motels  
 National Tourist Offices  
 Tourist Promotional Organizations  
 Tourist Trade  
 Tourists UF Travelers  
 Tournaments UF Athletic Competitions  
 Factory and Industrial Tours  
 Fully Inclusive Tours  
 Lookout Towers  
 Observation Towers UF Lookout Towers  
 Vista Towers USE Observation Towers  
 Ghost Towns  
 Townscape  
 Townships  
 Ski Lifts and Tows  
 Track and Field Equipment  
 Track and Field Facilities  
 Track and Field Sports  
 Tourist Trade  
 Trade Associations  
 Trading Posts  
 Traditions  
 Soil Trafficabilities  
 Trail Bikes  
 Trail Markers  
 Trailer Camps  
 Trailer Spaces  
 Trailers  
 Tent Trailers  
 Travel Trailers  
 Trails  
 Bicycle Trails  
 Bridle Trails  
 Canoe Trails  
 Foot Trails  
 Historic Trails  
 Motorbike Trails  
 National Scenic and Recreation Trails  
 Trailside Shelters  
 Trainee Personnel  
 Trainers USE Coaches  
 In-Service Training  
 Training and Education Programs  
 Training Centers  
 Tramways and Lifts UF Inclined Railways; Lifts; Teleferiques

Tranquillity  
 Water Transfer  
 Transient Camping  
 Mass Transit Systems  
 Policy Translation  
 Transportation  
 Transportation Expenditures  
 Transportation Fares  
 Transportation Plans  
 Transportation Services  
 Transportation Surveys  
 Skeet and Trap Equipment  
 Trapping  
 Travel Agencies  
 Travel Films  
 Travel Organizations  
 Credit Travel Services  
 Travel Trailers  
 Travelers USE Tourists  
 Traveler's Checks  
 Travelling  
 Air Travelling  
 Oceanic Travelling USE Boat Cruising  
 International Treaties and Agreements  
 Treaties and International Agreements  
 Forests (Tree Communities)  
 Trees  
 Deciduous Trees  
 Evergreen Trees  
 Trends  
 Dog Trials  
 Indian Tribes  
 Tribunals  
 Trip Planning  
 Trips  
 Duration of Trips  
 Field Trips  
 User Trips  
 Vehicle Trips  
 Trout  
 Truck-Campers  
 Trust Deeds  
 Railroad Tunnels  
 Turfs  
 Turkey  
 Twentieth Century History  
 Area Types  
 Benefit Types  
 Cost Types  
 Design Types  
 Plan Types  
 Resource Types  
 User Types

Undergraduate Study  
 Underwater Photography  
 Unique Areas  
 Uniqueness of Resources  
 Administrative Units  
     Family Units   USE Camping Space  
     Measurement Units  
 National Forest Purchase Units  
     Noncommercial Units  
     Picnic Units  
     Quasi-Public Units  
     Units of Use  
 Forests (Administrative Units)  
     Universities  
     Colleges and Universities  
     Upland Birds  
     Urban Areas  
     Urban Planning  
     Urban Recreation  
     Urbanization  
     Appropriate Use  
     Factors Affecting Use  
     Highest and Best Use  
         Land Use  
         Multiple Use  
         Peaking In Use  
 Philosophies of Resource Use  
     Rationing of Use  
     Recreation Use   UF Attendance  
         Single Use  
         Timing of Use  
         Units of Use  
         Water Use  
             Use Characteristics  
             Use Estimates  
             Multiple Use Management  
     Licenses and Use Permits  
         Land Use Plans  
             Use Predictions  
             Use Records  
             User Benefits  
             User Characteristics  
             User Charges   USE Fees  
             User Days   USE Visitor Days  
             User Fees  
             User Trips  
             User Types  
             Users   UF Passengers; Guests; Re-  
                                 creationists; Participants  
     Effects on Users  
     Expenditures by Users  
     Recreation Activities Equipment Users

Effects on Users and Society  
     Adverse Uses   UF Misuses  
 Alternative Resource Uses  
     Beneficial Uses  
     Compatible Resource Uses  
     Competing Resource Uses  
 Competition Among Resource Uses  
 Complementary Resource Uses  
 Control of Resource Uses  
     Coordination of Uses  
         Dominant Uses   USE Primary Uses  
     Non-Conforming Uses  
         Primary Uses   UF Dominant Uses  
         Resource Uses  
         Secondary Uses   UF Subordinant Uses  
     Subordinant Uses   USE Secondary Uses  
         Utilities  
         Utility  
     Aesthetics vs Utility  
         Marginal Utility  
     Integration of Utility and Beauty  
         Utility Costs  
         Utility Easements  
         Utilization  
 Preservation vs Utilization  
     Land Utilization Projects  
         Vacation Farms   USE Farms  
         Vacation Homes   UF Second Homes  
         Vacation Touring  
         Vacations  
         Vacationscape  
         Valleys  
     Pole Vaulting  
     Economic Valuation  
         Valuation of Intangible Benefits  
         Valuation of Recreation  
         Valuation of Tangible Benefits  
         Valuation Techniques  
     Condemnation Value  
     Salvage Value  
         Land Value Appreciation  
         Value Estimates  
         Value Measurement  
         Value of Products  
         Value Product  
     Aesthetic Values  
     Capitalized Values  
     Condemnation Values  
     Creative Values  
     Educational Values  
     Enhancement of Resource Values

Human Values  
 Inspirational Values  
 Intangible Values  
 Market Values  
 Moral Values  
 Physical Values  
 Property Values  
 Psychological Values  
 Salvage Values  
 Scientific Values  
     Vandalism  
     Variable Costs  
     Variable Revenues  
     Variety  
     Vegetation  
     Vehicle Trips  
     Vehicles  
     Camper Vehicles  
     Motor Vehicles  
         Vehicular Activities  
         Vehicular Facilities  
         Vehicular Sports Equipment  
         Vertical Economic Impacts  
         Vest Pocket Parks  
     Indian Village Sites  
     Pioneer Villages  
     Theme Villages  
 Passports and Visas  
     Visit  
     Visitor Centers  
     Visitor Days   UF Recreation Days;  
         User Days  
     Visitor Desires  
     Visitor Education  
     Visitor Regulation  
     Visitor Service Centers  
     Visitor Service Centers   UF In-  
         formation Centers  
     Visitor Service Developments  
     Visitor Service Facilities  
     Visitor-Oriented Recreation  
 Personnel Management for Visitors and Staff  
     Visits  
     Length of Visits  
     Vista Points  
     Vista Towers   USE Observation Towers  
     Volcanoes  
     Volleyball  
     Volleyball Courts  
     Volunteers  
     Wading

Wading Pools  
Wagon and Stage Roads  
Waiting Costs  
Walking  
Nature Walking  
Walrus  
Wants UF Desires  
Waste  
Waste Disposal Facilities  
Solid Wastes  
Bird Watching  
Fresh Water Fishing  
Salt Water Fishing  
Water Law  
Water Level Manipulation  
Water Levels  
Water Management  
Water Pollution  
Water Polo  
Water Purification  
Water Quality  
Water Quality Control  
Water Quality Standards  
Water Re-Use  
Water Resource Development  
Water Resources  
Water Safety  
Water Ski Equipment  
Water Skiing  
Water Sports UF Aquatic Sports  
Water Sports Equipment  
Water Sports Facilities  
Water Supply Facilities  
Water Supply Systems  
Water Transfer  
Water Use  
Waterfalls  
Waterfowl  
Boating Waters  
Watershed Forests  
Watershed Management  
Watersheds  
Rights of Way  
Wayside Areas  
Weather  
Weather Modification  
Weekdays  
Weekends  
Weight Throwing  
Welfare  
Welfare Economics  
Wetlands UF Bogs; Marshes; Swamps  
Whales



Wharfs USE Docks and Piers  
 Whitewater USE Rapids  
 Wholesalers of Goods  
 National Wild and Scenic Rivers  
 Wild River Manipulation  
 Wild Rivers UF Free Flowing Rivers  
 National Scenic and Wild Rivers  
 National Scenic and Wild Rivers System  
 Wildcats  
 Wilderness Areas UF Back-Country,  
 Primitive Areas  
 National Wilderness System  
 Wildlife UF Game  
 Collecting Wildlife  
 State Wildlife Agencies  
 Wildlife Areas  
 Wildlife Management UF Game Manage-  
 ment  
 Wildlife Refuges UF Bird Sanctuaries;  
 Refuges  
 National Wildlife Refuges  
 Wildlife Stocking  
 Willingness to Pay  
 Wind  
 Winter  
 Winter Resorts  
 Winter Sports  
 Winter Sports Equipment  
 Winter Sports Facilities  
 Winter Sports Sites  
 Wolves  
 Woodcocks  
 Work  
 Group Work  
 Workshop Buildings  
 Workshop Conferences UF Seminars  
 World Ecosystem  
 Report Writing  
 Yachting  
 Yachts  
 Yearlong Accommodations  
 Yearlong Employment  
 Sustained Yield  
 Young Adults  
 Youth  
 Youth Camps USE Group Camps  
 Zoning  
 Zoning Regulations  
 Zoology  
 Zoos

THESAURUS OF OUTDOOR RECREATION TERMS

Classified Array, All Terms

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I

OUTDOOR RECREATION RESOURCES AND FACILITIES

Administrative Units

Back-Country USE Wilderness Areas  
Bird Sanctuaries USE Wildlife Refuges  
County Recreation Areas  
Cultural Areas and Sites  
Federal Areas  
    National Forest System  
    National Park System  
    National Recreation Areas  
    National Scenic and Wild Rivers System  
    National Wilderness System  
    National Wildlife Refuges  
Flowage Easement Lands  
Forests (Administrative Units)  
    County Forests  
    Municipal Forests  
    National Forest System  
        Land Utilization Projects  
        National Forests  
        National Forest Purchase Units  
        National Grasslands  
        National Recreation Areas  
        National Scenic and Recreation Trails  
        National Scenic and Wild Rivers  
    Private Forests  
    State Forests  
    Watershed Forests  
Historic Areas and Sites  
Indian Lands  
Military Lands  
    Forts  
    Military Reservations  
    Surplus Military Lands  
Municipal Areas  
    Recreation Communities  
Natural Areas  
    Unique Areas  
    Superlative Areas  
    Wilderness Areas  
Parks  
    County Parks  
    Municipal Parks  
        Municipal Squares  
        Neighborhood Parks  
        Vest Pocket Parks  
    National Park System  
        National Battlefields  
        National Battlefield Parks  
        National Battlefield Sites  
        National Capital Parks

Thesaurus of Outdoor Recreation Terms

OUTDOOR RECREATION RESOURCES AND FACILITIES

Administrative Units  
Facilities for Recreation  
Historical and Cultural Resources  
Identification of Recreational Opportunities  
Natural Resources  
Supporting Facilities

ADMINISTRATION

Financing  
General Administration  
Human Values and Philosophies  
Laws and Legal Procedures  
Personnel and Visitor Management  
Planning and Design  
Public and Private Entities  
Resource Management

RECREATION ACTIVITIES, EQUIPMENT, USERS

Demand Theory, Demand and Use  
Equipment  
Factors Affecting Use  
Recreation Activities  
User Characteristics

ECONOMIC ASPECTS

Benefits and Valuation  
Costs of Administration  
Economic Analysis  
Expenditures, Revenues, and Economic Impacts

SUPPORTING INFORMATION

Education  
Information Sources  
Research

I

OUTDOOR RECREATION RESOURCES AND FACILITIES

A. Administrative Units

Back-Country USE Wilderness Areas  
Bird Sanctuaries USE Wildlife Refuges  
County Recreation Areas  
Cultural Areas and Sites  
Federal Areas  
    National Forest System  
    National Park System  
    National Recreation Areas  
    National Scenic and Wild Rivers System  
    National Wilderness System  
    National Wildlife Refuges  
Flowage Easement Lands  
Forests (Administrative Units)  
    County Forests  
    Municipal Forests  
    National Forest System  
        Land Utilization Projects  
        National Forests  
        National Forest Purchase Units  
        National Grasslands  
        National Recreation Areas  
        National Scenic and Recreation Trails  
        National Scenic and Wild Rivers  
    Private Forests  
    State Forests  
    Watershed Forests  
Historic Areas and Sites  
Indian Lands  
Military Lands  
    Forts  
    Military Reservations  
    Surplus Military Lands  
Municipal Areas  
    Recreation Communities  
Natural Areas  
    Unique Areas  
    Superlative Areas  
    Wilderness Areas  
Parks  
    County Parks  
    Municipal Parks  
        Municipal Squares  
        Neighborhood Parks  
        Vest Pocket Parks  
    National Park System  
        National Battlefields  
        National Battlefield Parks  
        National Battlefield Sites  
        National Capital Parks

- National Cemeteries
- National Historical Sites
- National Lakeshores
- National Memorials
- National Military Parks
- National Monuments
- National Parks
- National Parkways
- National Recreation Areas
- National Seashores
- Private Parks
- Reservoirs
  - Reservoir Recreation Areas
- State Parks
- Primitive Areas USE Wilderness Areas
- Recreation Areas
  - National Recreation Areas
  - National Seashores
  - National Scenic and Wild Rivers
- Recreation Districts
- Recreation Resource Classes
  - General Outdoor Recreation Areas
  - High Density Recreation Areas
  - Historic and Cultural Sites
  - Natural Environment Areas
  - Outstanding Natural Areas
  - Primitive Areas
- Refuges USE Wildlife Refuges
- Resorts
- State Areas
  - State Forests
  - State Parks
- Wilderness Areas UF Back-Country; Primitive Areas
  - National Wilderness System
- Wildlife Areas
  - National Wildlife Refuges
  - Wildlife Refuges UF Bird Sanctuaries; Refuges

## B. Historical and Cultural Resources

- Archeological Resources
  - Artifacts
  - Burial Grounds and Graves
  - Indian Campsites
  - Indian Village Sites
  - Petroglyphs and Pictographs
- Cultural Resources
  - Art Museums and Galleries
  - Arts and Crafts
  - Athletic Competitions USE Tournaments
  - Cultural Centers or Parks
  - Exhibitions UF Fairs; Festivals; Pageants
  - Factory and Industrial Tours
  - Festivals USE Exhibitions
  - Fairs USE Exhibitions



Libraries  
Local Legends  
Musical Events  
Olympiad USE Olympic Games  
Opera Houses  
Pageants USE Exhibitions  
Plays and Melodramas  
Religious Sites  
    Churches  
Theaters  
Tournaments UF Athletic Competitions  
    Olympic Games

**Cultures**

    Human Values

**Historic Resources**

Barracks  
Battlefields  
Blacksmith Shops  
Business Offices  
Canals  
Cemeteries and Graves  
Churches  
Coke and Charcoal Kilns  
Covered Bridges  
Forts  
Ghost Towns  
Government Buildings  
Historic Parks and Restorations  
Historic Markers  
Historical Areas and Sites  
Homes  
Hotels  
Lumber Camps  
Military Reservations  
Mills  
Mineral Smelters  
Mines  
Mining Camps  
Museums  
Opera Houses  
Pioneer Farms  
Pioneer Villages  
Railroad Beds  
Railroad Stations  
Railroad Tunnels  
Roads and Bridges  
Sawmills  
Schools  
Steam Engines  
Taverns  
Trading Posts  
Wagon and Stage Roads  
Historical Foundations  
American History  
Archeology

Eighteenth Century and Earlier History  
 National Heritage  
 Nineteenth Century History  
 Organizations  
 Trends  
 Twentieth Century History  
 Location  
 Metropolitan Areas  
 Scientific Sites  
     Natural Areas  
 Urban Areas  
     Greenbelts  
     Open Space  
     Townscape

C. Natural Resources UF Resources; Physiography

Animals

Birds

Game Birds  
     Doves  
     Grouse  
     Pheasants  
     Quail  
     Turkey  
     Woodcocks  
 Migratory Birds  
     Flyways  
     Waterfowl  
 Predatory Birds  
     Falcons  
 Shore Birds  
 Song Birds  
 Upland Birds  
 Waterfowl  
     Ducks  
     Geese

Endangered Species

Fish

Anadromous Fish  
     Salmon  
 Freshwater Fish  
     Bass  
     Catfish  
     Pike  
     Trout  
 Saltwater Fish  
     Bluefish  
     Rockfish  
     Sailfish  
     Swordfish

## Fisheries

Game USE Wildlife

## Insects

Injurious Insects UF Mosquitos

Mosquitos USE Injurious Insects

## Mammals

Antelopes

Bears

Bighorn Sheep

Deer

Elk

Foxes

Horses

Lynx

Marine Mammals

Otters

Seals

Walrus

Whales

Moose

Mountain Lions

Rabbits

Raccoons

Squirrels

Wildcats

Wolves

Wildlife UF Game

## Climate

Comfort Factors

Fog

Rain

Seasons

Autumn

Spring

Summer

Winter

Smog USE Air Pollution

Snow

Storms

Sunshine

Temperature

Weather

Wind

## Geological Resources

Avalanches

Balanced Rocks

Canyons

Castle Rocks

Caves

Deserts

Dunes

Flood Plains

Fossils

Gems

- Geological Formations
  - Glaciers
    - Glacial Remains
  - Islands
  - Landslides
  - Lava Flows
  - Minerals
  - Mountains
  - Natural Bridges and Arches
  - Outstanding Rock Formations
  - Sink Holes
  - Stones
  - Valleys
  - Vista Points
  - Volcanoes
- Natural Beauty
  - Beautification
  - Environment UF Milieu
  - Environmental Quality
  - Landscape
  - Milieu USE Environment
  - Open Space
  - Pollution Control
  - Resource Descriptions
  - Topography
  - Vacationscape
- Physiography USE Natural Resources
- Plants USE Vegetation
- Resources USE Natural Resources; Historical and Cultural Resources
- Soils
  - Soil Characteristics
    - Soil Capabilities
      - Soil Bearing Capacities
      - Soil Permeabilities
      - Soil Productivities
      - Soil Stabilities
      - Soil Trafficabilities
    - Soil Textures
      - Clays
      - Gravels
      - Loams
      - Sands
      - Silts
- Vegetation
  - Algae
  - Cacti
  - Ferns
  - Flowers
  - Forests (Tree Communities)
  - Grasses
  - Ground Covers
  - Herbs
  - Lichens
  - Mosses

Ranges (Plant Communities)  
 Shrubs  
 Trees  
     Deciduous Trees  
     Evergreen Trees  
 Turfs  
 Water Resources  
     Bathing Beaches USE Beaches  
     Beaches UF Bathing Beaches  
     Boating Waters  
     Bogs USE Wetlands  
     Canals  
     Cascades USE Rapids  
     Coastlines USE Shorelines  
     Dams  
     Estuaries  
     Lagoons  
     Lakes  
     Lakeshores USE Shorelines  
     Marshes USE Wetlands  
     Oceans and Seas  
     Ponds  
     Rapids UF Cascades; Whitewater  
     Reservoirs  
     Riparian Lands USE Shorelines  
     River Basins  
         Watersheds  
     Rivers  
         Float Rivers USE Scenic Rivers  
         Free Flowing Rivers USE Wild Rivers  
         National Wild and Scenic Rivers  
         Scenic Rivers UF Float Rivers  
         Wild Rivers UF Free Flowing Rivers  
     Seashores USE Shorelines  
     Shorelines UF Coastlines; Lakeshores; Riparian Lands;  
         Seashores  
     Springs  
         Hot Springs  
     Streams  
     Swamps USE Wetlands  
     Waterfalls  
     Wetlands UF Bogs; Marshes; Swamps  
     Whitewater USE Rapids

#### D. Potential Recreational Opportunities

Aerial Photographs  
 Attraction Development Base  
 Inventories  
 Maps  
 Recreational Resource Analysis USE Suitability of Resources  
 Sites

## Suitability of Resources

- Accessibility
- Attraction Indexes
- Carrying Capacities
  - Social Carrying Capacities
- Condition of Resources
- Development Opportunities
- Landscape Analysis
- Quality of Resources
- Quantity of Resources
- Uniqueness of Resources
- Variety

E. Recreational Facilities

## Amusement Parks

## Artistic Facilities

- Art Museums and Galleries
- Bandstands
- Cultural Centers
- Dance Pavilions
- Gardens
- Outdoor Theaters

## Ballgame Facilities

- Baseball Diamonds
- Football Fields
- Softball Diamonds
- Badminton Courts
- Basketball Courts
- Handball Courts
- Volleyball Courts

## Clubhouses

## Hunting and Fishing Facilities

- Duck Blinds
- Fish Hatcheries
- Fishing Lakes UF Fishing Ponds
- Fishing Ponds USE Fishing Lakes
- Game Farms
- Game Preserves
- Hunting Areas
- Hunting Preserves
- Sporting Goods Stores

## Lodgings UF Accommodations

- Accommodations USE Lodgings
- Adirondack Shelters
- Colonies USE Recreation Communities
- Combination Buildings
- Cottages USE Rental Cabins; Vacation Homes
- Dude Ranches
- Group Camps UF Organization Camps; Youth Camps
- Hostels
- Hotels
- Lodges UF Ski Lodges
- Mobile Homes
- Motels UF Tourist Courts
- Organization Camps USE Group Camps

Private Housing  
Recreation Communities UF Colonies  
Rental Cabins UF Cottages  
Residence Sites  
Resorts UF Spas  
Seasonal Accommodations  
Second Homes USE Vacation Homes  
Ski Lodges USE Lodges  
Tourist Courts USE Motels  
Vacation Farms USE Farms  
Vacation Homes UF Second Homes  
Yearlong Accommodations  
Youth Camps USE Group Camps

Marksmanship Facilities  
Archery Courses  
Bowling Greens  
Golf Courses  
Golf Driving Ranges  
Horseshoe Courts  
Shooting Ranges  
Shuffleboard Courts  
Target Ranges

Nature Study Facilities  
Interpretive Facilities  
Amphitheaters USE Outdoor Theaters  
Aquariums  
Arboretums  
Demonstration Areas  
Exhibits  
Guide Services  
Interpretive Talks UF Lectures  
Lectures USE Interpretive Talks  
Museums  
Nature Centers  
Nature Trails  
Observatories  
Photographic Essays  
Signs  
Television  
Visitor Centers  
Zoos

Wildlife Refuges  
Zoos

Outdoor Living Facilities  
Barbecues USE Fireplaces and Grills  
Campgrounds  
Base Camps  
Camping Areas  
Camping Space UF Family Units  
Day Camps  
Group Camps  
Overflow Campgrounds  
Tent Spaces  
Trailer Camps  
Trailer Spaces  
Family Units USE Camping Space

Farm Lands    USE Farms  
 Farms    UF Farm Lands; Vacation Farms  
 Fireplaces and Grills    UF Grills; Stoves  
 Grills    USE Fireplaces and Grills  
 Kitchen Shelters  
 Lunch Areas  
 Neighborhood Playgrounds  
 Parks  
 Picnic Shelters  
 Picnic Units  
 Playfields  
 Stoves    USE Fireplaces and Grills  
 Tables  
 Vacation Farms    USE Farms  
 Wilderness Areas  
 Recreation Centers  
 Spectator Facilities  
     Arenas  
     Athletic Fields  
         Hockey Fields  
     Fairs  
     Racetracks  
     Show Rings  
 Touring and Exploring Facilities  
     Airports    UF Airfields  
         Airfields    USE Airports  
     Bridle Trails  
     Cruise Boats and Ships  
     Highways    UF Expressways; Freeways  
         Expressways    USE Highways  
         Freeways    USE Highways  
     Historic Areas and Sites  
         Historic Parks and Restorations  
         Theme Villages  
     Inclined Railways    USE Tramways and Lifts  
     Lookout Towers    USE Observation Towers  
     Observation Towers    UF Lookout Towers  
     Overlooks  
     Riding Stables  
     Roads  
         Access Roads  
         Parkways  
             National Parkways  
         Scenic Roads  
             Overlooks  
             Wayside Areas  
     Roadside Developments  
     Scenic Areas  
     Scenic Railways  
     Signs  
     Teleferiques    USE Tramways and Lifts  
     Tour Guides  
     Trail Markers  
     Trails  
         Bicycle Trails  
         Bridle Trails



- Canoe Trails
- Foot Trails
- Historic Trails
- Motorbike Trails
- Portage Trails
- Trailside Shelters
- Tramways and Lifts UF Inclined Railways; Lifts; Teleferiques
- Vista Towers USE Observation Towers
- Wayside Areas
- Track and Field Facilities
- Vehicular Facilities
  - Skating Rinks
    - Ice Skating Rinks
    - Roller Skating Rinks
- Water Sports Facilities
  - Bathhouses
  - Beaches
  - Boat Docks
  - Boat Launching Ramps
  - Boathouses
  - Boating Sites
  - Docks and Piers UF Wharfs
  - Floats
  - Impoundments
  - Marinas
  - Piers
  - Pools
    - Spray Pools
    - Swimming Pools
    - Wading Pools
  - Rafts
  - Swimming Beaches
  - Wharfs USE Docks and Piers
- Winter Sports Facilities
  - Bobsled Runs
  - Ski Jumps
  - Ski Lifts and Tows
  - Ski Patrol Buildings
  - Ski Slopes
  - Skiing Trails
  - Snowplay Areas
  - Snowmobile Trails
  - Toboggan Runs
  - Winter Resorts
  - Winter Sports Sites

#### F. Supply of Recreational Opportunities

- Carrying Capacities
- Classifications of Resources
- Designed Capacities
- Inventories
- Suitability of Resources
- Surveys

G. Visitor Service Facilities

Accommodations USE Lodgings  
Chambers of Commerce  
Combination Buildings  
Communications Services  
Drugstores UF Pharmacies  
Food Services UF Restaurants; Catering; Food Service Production  
Foreign Currency Exchanges  
Gateway Buildings  
Grocery Stores  
Guide Services  
Hospitals  
Information Centers USE Visitor Service Centers  
Laundries  
Litter Receptacles  
National Tourist Offices  
Outfitters  
Pharmacies USE Drugstores  
Post Offices  
Restaurants USE Food Services  
Shopping Centers  
Transportation Services  
    Airlines  
    Auto Service Stations  
    Baggage Handling Facilities  
    Bridges  
    Buses  
    Charter Cruises  
    Charter Flights  
    Credit Travel Services  
    Ferries  
    Garages  
    Harbors UF Ports  
    Helicopters  
    Mass Transit Systems  
    Monorails  
    Parking Areas  
    Ports USE Harbors  
    Railroads  
    Rental Autos  
    Tramways and Lifts  
Travel Agencies  
    Reservation Services  
    Tickets and Ticketing

Utilities

Power Systems

Sanitation Systems

Comfort Stations USE Restrooms

Restrooms UF Comfort Stations; Toilets

Toilets USE Restrooms

Waste Disposal Facilities

Water Supply Facilities

Visitor Service Centers

## II.

ADMINISTRATIONA. Administrative Functions and Levels

Operation and Maintenance  
Policy Translation  
Policy-Making Process

B. Administrative Programs

Coordination Programs  
Financial Assistance Programs  
    Credit Programs  
    Grant Programs  
        Federal Grants  
        Foundation Grants  
        State Grants  
Information Programs  
Recreation Programs  
Regulatory Programs  
Research Programs  
Resource Management Programs  
Technical Assistance Programs  
Training and Education Programs

C. Administrative Structures and Developments

Administrative Developments  
    Motor Pools  
        Motor Vehicles  
    Power Systems  
    Reservoirs  
    Roads  
        Access Roads  
    Sanitation Systems  
    Signs  
    Water Supply Systems  
Administrative Structures  
    Dormitories  
    Park Offices  
    Personnel Housing  
    Training Centers  
    Workshop Buildings

D. Financing

Ability to Pay  
Appropriations  
Assets  
Break-Even Point  
Budgeting  
    Contingency Costs

Capital Costs  
    Acquisition Costs  
    Development Costs  
Capital Sources  
    Bonds  
    Equity Capital   USE Stocks  
    Financial Assistance Programs  
        Credit Programs  
        Grant Programs  
        Guaranteed Loan Programs  
    Private Capital  
    Stocks   UF Equity Capital  
Capitalization  
    Capitalization Rates  
    Capitalized Values  
Cash   UF Money  
Cash Flow  
Collateral  
Cost Recovery   UF Cost Repayment  
Cost Repayment   USE Cost Recovery  
Cost Sharing  
Credit  
    Credit Costs   USE Interest  
    Credit Programs  
    Credit Restrictions  
Debt  
Financial Analysis  
Financial Programming  
Funding  
Interest  
    Risk  
Liquid Assets  
Loans  
Money   USE Cash  
Principal  
Profits  
Reimbursement   USE Repayment  
Rental Receipts  
Repayment   UF Reimbursement  
Revenue Sources  
    Fees  
        Boat Rentals  
        Entrance Fees  
        Grazing Fees  
        Guide Fees  
        Migratory Bird Hunting Stamps  
        Personal Licenses  
        Recreation Leases  
        Tour Fees  
        Transportation Fares  
        User Fees  
Sinking Funds  
Taxes  
Traveler's Checks  
Willingness to Pay

## E. Laws and Legal Procedures

- Administrative Regulations
  - Special-District Regulations
  - Zoning Regulations
- Legal Liability
  - Contract Liability
  - Criminal Liability
  - Tax Liability
  - Tort Liability
- Legal Procedures and Remedies
  - Administrative Procedures
  - Condemnation USE Eminent Domain
  - Contract Administration
  - Contract Claims
  - Criminal Procedures
  - Eminent Domain UF Condemnation
  - Probate Proceedings
  - Tort Claims
- Legal Rights
  - Civil Rights
  - Contract Rights
    - Employment
    - Insurance
    - Personal Services
    - Sales
  - Personal Rights
    - Personal Licenses
    - Personal Permits
  - Property Rights
    - Air Rights
    - Development Rights
    - Easements
      - Drainage Easements
      - Flooding Easements
      - Planting Easements
      - Scenic Easements
      - Utility Easements
    - Fee Rights
    - Leases
      - Recreation Leases
    - Licenses and Use Permits
    - Rights of Way
    - Riparian Rights
- Legislation
  - Legislative Procedures
    - Legislative Hearings
    - Legislative Reports
    - Legislative Rules
  - Purposes of Legislation
    - Appropriations
    - Constitutions and Organic Acts
    - Enabling Legislation
    - Regulatory Legislation
    - Tax Legislation

## Statutes and Ordinances

Federal Statutes

Foreign National and Provincial Legislation

Local Ordinances

County Ordinances

Municipal Ordinances

State Statutes

## Litigation

Adjudication Procedures

Appellate Procedures

Evidence in Litigations

Judicial Decisions

Rights to Sue

Tribunals

## Sources of Law

Administrative Regulations

Constitutions

Executive Orders

International Treaties and Agreements

Judicial Decisions

Statutes and Ordinances

Treaties and International Agreements

F. Personnel

## Administrative Personnel

Advisory Committees

Boards or Commissions

Directors of Recreation and Parks

Directors of Parks

Directors of Recreation

## Clerical Personnel

## Entrepreneurs

## Labor Force

## Leadership Personnel

Interpretive Specialists UF Naturalists

Naturalists USE Interpretive Specialists

## Recreation Leaders

Coaches UF Trainers

Recreation Attendants

Trainers USE Coaches

Senior Recreation Leaders

Specialized Recreation Leaders

## Maintenance Personnel

Senior Park Caretakers

Park Caretakers

## Professional Personnel UF Recreators

Recreators USE Professional Personnel

## Subprofessional Personnel

## Supervisory Personnel

District Recreation Supervisors

Park Superintendents

Park Foremen

Park Rangers

Specialized Recreation Supervisors

Staff Recreation Specialists

Trainee Personnel  
 Park Interns  
 Recreation Interns  
 Student Park Employees  
 Student Recreation Leaders  
 Volunteers

G. Personnel Management for Visitors and Staff

Accidents  
 Accident Prevention  
 Injuries  
 Adverse Uses UF Misuses  
 Misuses USE Adverse Uses  
 Nuisances  
 Vandalism  
 Communications  
 Interpretation  
 Information Centers USE Visitor Service Centers  
 Interpretive Facilities  
 Visitor Education  
 Visitor Service Centers UF Information Centers  
 Public Relations  
 Health  
 Environmental Health  
 Health and Safety Guidelines  
 Sanitation  
 Sanitation Systems  
 Recreation Leadership  
 Direct Leadership  
 Indirect Leadership  
 Recreation Program  
 Safety  
 First Aid  
 Snakebites  
 Health and Safety Guidelines  
 Innoculations  
 Injuries  
 Insurance  
 Liability Insurance  
 Liability  
 Negligence  
 Safety Codes  
 Safety Equipment  
 Safety Procedures  
 Ski Patrols  
 Water Safety  
 Lifeguards  
 Staff  
 Career Standards  
 Education  
 Congresses and Conventions USE Meetings and Conferen  
 In-Service Training  
 Meetings and Conferences UF Congresses and Conventio



- Job Analyses
- Job Descriptions
- Job Surveys
- Management Leadership
- Merit Systems
- Promotion of Personnel
- Recruitment
- Salaries
- Staff Qualifications
- Supervision
- Visitor Regulation
- Group Work
- Law Enforcement
- Passports and Visas
- Personal Licenses
- Personal Permits
- Rationing of Use

#### H. Philosophical Concepts

- Benefits to Individual
- Benefits to Society
- Citizen Responsibilities
- Ethics
- Leisure
- Management Attitudes
- Philosophies of Recreation
- Philosophies of Resource Use
  - Aesthetics
  - Beneficial Uses
  - Conservation
  - Multiple Use
  - Preservation of Resources
  - Quality of Resources
  - Quantity of Resources
  - Single Use
  - Utility
  - Utilization

#### I. Planning and Design UF Environmental Design

- Design UF Layout
  - Construction Plans
  - Drawings
  - Specifications
- Design Criteria
  - Aesthetic Satisfaction
  - Balance of Design
  - Color
  - Focal Points
  - Form
  - Framing
  - Integration of Utility and Beauty
  - Line
  - Organization of Design
  - Space
  - Textures of Materials

- Design Expression
  - Design Character
  - Design Function UF Functional Design
  - Design Imagery
  - Design Perception
  - Design Style
  - Functional Design USE Design Function
- Design Process
  - Alternative Solutions
  - Conceptualization
  - Conclusions
  - Criteria for Alternative Solutions
  - Ideation
  - Problem Identification
  - Recommendations
  - Selection of Information
  - Selection of Objectives
  - Synthesis of Information
- Design Standards
- Design Types
  - Area Design
  - Facilities Design
  - Landscape Design
  - Site Design
  - Structural Design
- Designed Capacity
  - Capacity Standards
- Development Intensity
- Development Process
  - Acquisition of Land
    - Easements
    - Eminent Domain
    - Fee Purchases
    - Land Description
    - Leases
    - Less-than-Fee Interests
    - Options
    - Purchase and Lease-Backs
    - Trust Deeds
    - Value Estimates
- Construction
- Design
- Financing
- Plan Implementation
- Planning Analysis
- Rehabilitation of Resources
- Development Quality
- Environmental Design USE Planning and Design
- Layout USE Design

## Plan Types

- Comprehensive Plans UF Comprehensive Outdoor Recreation Plans
- Historic Preservation Plans
- Land Use Plans
- Long-Term Plans USE Master Plans
- Master Plans
- Outdoor Recreation Plans UF Comprehensive Outdoor Recreation Plans
  - Comprehensive Outdoor Recreation Plans USE Outdoor Recreation Plans; Comprehensive Plans
- Preliminary Plans UF Sketch Plans
- Regional Plans
- Short-Term Plans
- Site Plans
- Sketch Plans USE Preliminary Plans
- Transportation Plans

## Planning Analysis

- Alternative Solutions
  - Administrative Units
  - Allocation of Responsibilities
  - Area Selection
  - Cluster Developments
  - Conceptualization
  - Historical and Cultural Resources
  - Location
  - Multiple Use Management
  - Natural Resources
  - Planned Capacity
  - Recommendations
  - Recreation Complexes
  - Recreation Facilities
  - Site Selection
    - Potential Recreation Opportunities
    - Suitability of Resources

## Construction

- Construction Contractors
- Contracts
  - Contract Administration
- Inspections of Construction
- Plan Specifications
- Criteria for Alternative Solutions
  - Aesthetics
    - Natural Beauty
  - Economic Efficiency
  - Effects on Resources
  - Effects on Users
  - Feasibility
    - Economic Feasibility
    - Financial Feasibility
    - Profit-Making Potential
    - Technical Feasibility
  - Flexibility of Management
  - Institutions of Society
  - Planning Constraints
  - Planning Standards and Criteria

## (Planning Analysis) con't

## Demand Predictions

- Activities
- Attendance USE Use
- Demand
- Equipment Ownership Ratios
- Factors Affecting Use
- Participants USE Users
- Recreation Settings
- Use UF Attendance
- User Characteristics
- Users UF Participants

## Design

## Implementation of Plans

- Administration
- Allocation of Responsibilities
- Coordination Among Suppliers
- Approval of Plans
- Building Departments
- Decision-Making
- Laws
- Legal Procedures
- Planning Commissions
- Planning Departments
- Political Opportunities
- Power Structure
- Pressure Groups USE Special Interest Groups
- Special Interest Groups UF Pressure Groups

## Bureaucracy

## Control of Resource Uses

- Administrative Regulations
- Legislation
- Zoning

## Nonconforming Uses

## Criteria For Planning

## Financing

## Repayment

## Non-Conforming Uses

## Political Representation

## Priorities

## Promotion and Marketing

## Public Relations

## Communication Media

## Suitability of Resources

## Carrying Capacities

## Crowding

## Social Carrying Capacities

## Timing

## Justification for Plans

## Amenities

## Benefits to Individuals

## Benefits to Society

## Economic Efficiency

## Multiple Use Management

## Profits

## Satisfaction of Needs

## Needs

- Activities
- Demand
- Recreation Settings
- User Characteristics
- User Types

## Objectives of Planned Changes

- Benefits
  - Therapeutic Recreation
  - Recreation Activities

## Planning Constraints

- Area Boundaries
- Area Types
- Budget
- Coordination of Management
- Coordination of Suppliers
- Coordination of Uses
- Legal Procedures
- Management Guidelines
- Management Objectives
- Ownership of Recreation Opportunities
- Philosophies of Resource Use

## Recommendations

## Recreational Opportunities

- Attraction Indexes
- Potential Recreational Opportunities
- Supply of Recreational Opportunities

## Resource Characteristics

- Resource Capabilities

## Selection of Objectives

- User Characteristics

## Planning Areas

- Area Planning

- Facility Planning

- National Planning USE Nationwide Planning

- Nationwide Planning UF National Planning

- Nationwide Outdoor Recreation Plan

- Planning Regions USE Regional Planning

- Regional Planning UF Planning Regions; River Basin Planning

- River Basin Planning USE Regional Planning

- Site Planning

- State Planning

- Urban Planning

- Planning Process USE Planning Analysis

- Planning Theory

J. Policies

- Administrative Regulations

- Regulatory Programs

- Criteria For Policies

- Ecologic Impacts

- Management Desires

- Visitor Desires

- Health and Safety Guidelines

- Management Guidelines

Management Objectives  
 Organization Philosophies  
 Policy Implementation

K. Policy-Making Process

Bureaucracy  
 Coordination  
 Criteria  
     Criteria Development  
     Criteria Selection  
         Economic Impacts  
         Health Effects  
         Satisfaction of Needs  
         Social Effects  
         Special Interest Groups  
 Decision-Making  
     Power Structure  
     Special Interest Groups  
 Management Objectives  
 Policy Issues  
 Responsibility Designations  
 Selection of Objectives  
 Special Interest Groups

L. Private Properties

Businesses   USE Commercial Enterprises  
 Commercial Enterprises   UF Businesses; Free Enterprise  
     Concessions  
     Non-Recreation Enterprises  
     Recreation Businesses   USE Recreation Enterprises  
     Recreation Enterprises   UF Recreation Businesses  
         Recreation Facilities  
         Visitor Service Facilities  
     Supporting Enterprises  
         Credit Travel Services  
 Free Enterprise   USE Commercial Enterprises  
 Industries   USE Commercial Enterprises; Manufacturers  
 Noncommercial Units  
     Churches and Church Groups  
 Organizations  
     Community Organizations  
     Foundations  
     Non-Profit Organizations  
     Professional Organizations  
     Research Organizations  
     Tourist Promotional Organizations  
     Trade Associations  
     Travel Organizations

M. Problems of Management

Controversial Issues  
     Aesthetics vs Utility

Benefits to Society vs to Individuals  
 Local Residents vs Non-local Residents  
 Preservation vs Utilization  
 Public Sector vs Private Sector  
 Quality vs Quantity  
 Intra-Organizational Conflicts  
 Problem Identification and Specification

N. Promotion and Marketing UF Publicity

Advertising  
     Billboards USE Outdoor Advertising  
     Direct Mail Advertising  
     Magazine Advertising  
     Newspaper Advertising  
     Outdoor Advertising UF Billboards  
 Market Surveys  
 Marketing Techniques  
 National Tourist Offices  
 Preference Surveys  
 Promotional Techniques  
 Publicity USE Promotion and Marketing  
 Travel Films

O. Public Agencies

Federal Government USE U.S. Government  
 Foreign Governments  
 Intergovernmental Affairs  
     Interagency Cooperation UF Interdepartmental Committees  
     Interdepartmental Committees USE Interagency Cooperation  
     International Cooperation  
     Interstate Cooperation  
 Local Governments  
     Boroughs  
     Cities UF Municipalities  
     Councils of Government  
     Counties  
     Metropolitan Areas  
     Metropolitan Authorities  
     Municipalities USE Cities  
     Special Districts  
     Standard Metropolitan Statistical Areas  
     Townships  
 Public-Private Cooperation  
 Quasi-Public Units  
     Educational Institutions  
     Indian Tribes  
     Non-Profit Corporations  
 State Governments  
     State Fish and Game Agencies USE State Wildlife Agencies  
     State Forest Agencies  
     State Park Agencies  
     State Recreation Agencies

State Tourist Agencies  
 State Wildlife Agencies  
 U. S. Government

P. Resource Management UF Environmental Design; Land Management

Administrative Regulations  
 Custom Regulations  
 Fees  
 Licenses  
 Permits  
 Case Studies  
 Conservation  
 Allocation of Resources  
 Alternative Solutions  
 Appropriate Use  
 Balance of Nature  
 Birth Control USE Population Limitation  
 Ethics  
 Life Cycle  
 Population Explosion  
 Population Limitation UF Birth Control  
 Preservation  
 Protection of Resources  
 Pollution Control  
 Rationing of Use  
 Rehabilitation of Resources UF Restoration  
 Resource Use Philosophies  
 Restoration USE Rehabilitation of Resources  
 Soil Conservation  
 Survival  
 Sustained Yield  
 Technology  
 Conservation Programs  
 Decision-Making  
 Critical Path Techniques  
 Evaluation  
 Ecology  
 Biological Magnification  
 Biotic Extinction USE Extermination  
 Carrying Capacity  
 Starvation  
 Depletion  
 Destructive Factors  
 Animals  
 Climate  
 Diseases  
 Fires  
 Geological Resources  
 Insects  
 Users  
 Water Resources  
 Ecological Impacts  
 Ecosystems  
 World Ecosystem



- Environmental Quality
  - Pollutants
  - Pollution
    - Air Pollution UF Smog
    - Noise Pollution
    - Soil Pollution
    - Thermal Pollution
    - Water Pollution
  - Pollution Control
- Evolution
- Life Cycle
- Natural Environment
  - Flyways
  - Natural Areas
- Pathology
- Plant Indicators
- Plant Materials
- Population Studies
- Environmental Design USE Resource Management
- Extermination UF Biotic Extinction
- Fisheries Management
  - Fish Kills
  - Fish Planting USE Fish Stocking
  - Fish Propagation
    - Fish Stocking UF Fish Planting
  - Fishing Seasons
  - Predator Control
- Forest Management
  - Multiple Use Management
    - Dominant Uses USE Primary Uses
    - Primary Uses UF Dominant Uses
    - Secondary Uses UF Subordinant Uses
    - Subordinant Uses USE Secondary Uses
  - Timber Production
- Game Management USE Wildlife Management
- Habitat
  - Habitat Management
- Inspections
- Intra-Organizational Conflicts
- Land Description
- Land Management USE Resource Management
- Land Use
- Landscape Management
- Maintenance
- Management Attitudes
- Management Levels
  - Administration
  - Operation and Maintenance
  - Policy-Making
- Mineral Extraction USE Mining
- Mining UF Mineral Extraction
- Needs for Recreation
- Park Management

## Pathology

Animal Pathology

Entomology

Insect Control

Pesticides

Predator Control

Plant Pathology

Aquatic Plant Control

Poisonous Plant Control

## Policies

Range Management

Grazing

Recreation Management

Recreation Principles

Resource Engineering

Accessibility

Enhancement of Resource Values

Rehabilitation

Suitability of Resources

Wild River Manipulation

## Resource Uses

Alternative Resource Uses

Allocation of Resources

Compatible Resource Uses

Competing Resource Uses

Complementary Resource Uses

Coordination of Management

Coordination of Uses

Selection of Best Alternative

Cluster Development

Encroachment

Adverse Uses UF Misuses

Misuses USE Adverse Uses

Open Space

Power Development

Reclamation

Irrigation

Zoning

General Outdoor Recreation Areas

High Density Recreation Areas

Historic and Cultural Sites

Natural Environment Areas

Outstanding Natural Areas

Primitive Areas

## Supplies

Technology

Waste

Solid Wastes

Water Management

Evaporation

Navigation

Water Law

Water Levels

Water Quality

- Water Quality Control
  - Acid Mine Drainage
  - Desalination
  - Eutrophication
  - Pollution Abatement
  - Radioactive Materials
  - Sedimentation
  - Thermal Pollution
  - Water Purification
  - Water Quality Standards
  - Water Re-Use
- Water Resource Development
- Water Transfer
- Water Use
- Watershed Management
  - Erosion Control
  - Flood Control
  - Hydrology
  - Impoundments
  - Power Development
  - Water Level Manipulation
- Weather Modification
- Wildlife Management UF Game Management
  - Bounties
  - Browsing
  - Carrying Capacity
  - Habitat Management
  - Hunting Seasons
  - Predator Control
  - Propagation
  - Surveys
  - Tagging
  - Wildlife Stocking

## III.

RECREATION ACTIVITIES, EQUIPMENT, USERSA. Demand

- Demand Estimation
  - Estimation Techniques
- Demand Prediction UF Demand Projections
  - Prediction Techniques
- Demand Projections USE Demand Predictions
- Demand Theory
- Desires USE Wants
- Deterrents to Recreation
- Factors Affecting Use
- Future Needs
- Leisure Styles
- Market Studies
- Motivation
- Needs for Recreation
- Preferences
- Social Conditions
- Substitution Among Activities
- Timing of Use
- Trends
- User Characteristics
- Wants UF Desires

B. Effects on Users and Society

- Economic Impacts
- Health Effects
  - Mental Effects
    - Aesthetics
      - Appreciation
      - Perception of Landscape
    - Drugs USE Narcotics
    - Narcotics UF Drugs
    - Relaxation
    - Renewal of Personal Resources
  - Physical Effects
    - Physical Fitness
- Satisfaction of Needs
- Social Effects
  - Moral Effects
  - Political Effects

C. Equipment for Outdoor Recreation

- Art Equipment
  - Photographic Equipment
    - Cameras
- Ballgame Equipment
  - Balls
  - Baskets

Bats  
 Gloves  
 Goalposts  
 Golf Equipment  
 Mallets  
 Nets  
 Raquets  
 Shuttlecocks  
 Collecting Equipment  
 Hunting and Fishing Equipment  
   Fishing Equipment  
   Hunting Equipment  
     Archery Equipment  
     Firearms  
   Nets  
 Marksmanship Equipment  
   Horseshoe Equipment  
   Shooting Equipment  
     Archery Equipment  
     Firearms  
     Skeet and Trap Equipment  
     Targets  
   Shuffleboard Equipment  
 Nature Study Equipment  
   Nature Books  
   Photographic Equipment  
     Cameras  
     Films for Photography  
 Outdoor Living Equipment  
   Camping Equipment  
     Camper Vehicles  
     Sleeping Bags  
     Tents  
     Trailers  
   Gardening Equipment  
   Outdoor Furniture  
   Outdoor Lights  
   Outdoor Play Equipment  
     Game Equipment  
     Playground Equipment   USE Outdoor Play Equipment  
     Scooters  
     Seesaws  
     Skateboards  
     Skates  
     Slides  
     Swings  
   Tents  
 Touring Equipment  
   Alpine Equipment  
   Trailers  
     Mobile Homes  
     Tent Trailers  
     Travel Trailers  
   Truck-Campers

- Track and Field Equipment
  - Athletic Equipment
- Vehicular Sports Equipment
  - Airplanes
  - Automobiles
    - Antique Cars
    - Racing Cars
    - Sports Cars
  - Cycling Equipment
    - Bicycles
    - Motor Scooters
    - Motorbikes
    - Motorcycles
    - Trail Bikes
  - Gliders
  - Horses
  - Parachutes
  - Riding Equipment
  - Vehicles
- Water Sports Equipment
  - Boating Equipment
    - Boat Motors
    - Boats
      - Canoes
      - Houseboats
      - Kayaks
      - Motorboats
      - Racing Boats
      - Rowboats
      - Sailboats
      - Yachts
    - Oars and Paddles
    - Sails
  - Scuba Gear
  - Snorkels
  - Surfboards
  - Water Ski Equipment
- Winter Sports Equipment
  - Curling Equipment
  - Ice Hockey Equipment
  - Iceboats
  - Sleds
  - Sleighs
  - Snow Ski Equipment
  - Snowmobiles
  - Snowshoes
  - Toboggans

**D. Factors Affecting Use**

- Accessibility of Opportunities
  - Driving Time
- Affluence
- Culture
- Equipment Ownership Ratios

Free Time USE Leisure  
 Historical Foundations  
 Human Values  
 Institutions of Society  
     Economics  
     Education  
         Appreciation  
         Awareness  
         Motivation  
     Family and Kinship  
     Government  
     Laws  
     Legal Procedures  
     National Heritage  
         Traditions  
     Ownership of Recreation Opportunities  
     Political Economy  
     Politics  
     Recreation  
     Religion  
     Welfare  
     Work  
 Leisure UF Free Time  
 Leisure Styles  
 Location  
     Areal Distributions USE Geographical Distributions  
     Geographical Distributions UF Areal Distributions; Spatial  
         Distributions  
     Proximity  
     Spatial Distributions USE Geographical Distributions  
     Spatial Interactions  
     Transportation  
 Mass Media  
     Advertising  
     Public Relations  
 Perception  
 Philosophical Concepts  
 Population Characteristics  
     User Characteristics  
 Population Distribution  
     Congestion USE Crowding  
     Crowding UF Congestion  
     High Density Population  
     Low Density Population  
     Medium Density Population  
     Urbanization  
 Social Conditions  
     Racial and Religious Prejudice  
 Supply of Recreational Opportunities  
 Trends

#### E. Human Values

Aesthetic Values  
     Appreciation  
     Natural Beauty

Creative Values  
 Educational Values  
 Environmental Quality  
     Excitement  
     Natural Beauty  
     Pollution  
     Tranquillity  
 Historical Foundations  
 Inspirational Values  
 Moral Values  
 Physical Values  
     Physical Fitness  
 Psychological Values  
     Mental Health  
     Renewal of Inner Resources  
     Satisfaction of Needs UF Self-Fulfillment  
     Self-Fulfillment USE Satisfaction of Needs  
 Scientific Values  
 Social Values  
     Enrichment of Community Living  
         Townscape  
     Enrichment of Family Living  
         Family Participation  
     Enrichment of Personal Living  
         Renewal of Inner Resources  
 Trends  
 Value Measurement  
     Experience  
         Pleasure  
         Satisfaction of Needs

F. Recreation Activities UF Amusements; Play

Amusements USE Recreation Activities  
 Aquatic Sports USE Water Sports  
 Artistic Activities UF Creative Recreation  
     Arts and Crafts  
         Painting  
         Sculpture  
     Performing Arts  
         Dancing  
             Ballet  
             Ballroom Dancing  
             Choreography  
             Contra Dancing  
             Folk Dancing  
             Round Dancing  
             Square Dancing  
         Drama  
             Plays and Melodramas USE Drama  
         Music  
     Photography  
         Photographing Nature  
         Underwater Photography



## Ball Games

- Badminton
- Baseball
- Basketball
- Boccie Ball
- Captains Ball
- Codeball-on-the-Green
- Corkball
- Cricket
- Croquet
- Dodgeball
- Field Hockey
- Fieldball
- Fistball
- Football
- Golf
- Handball
- Hitball
- Hurling
- Jai-Alai
- Lacrosse
- Lawn Bowling
- Paddle Tennis
- Polo
- Rugby
- Soccer
- Softball
- Squash
- Team Sports
- Tennis
- Tether Ball
- Volleyball

## Collecting

- Beachcombing
- Collecting Plants
- Collecting Wildlife
- Photographing Nature
- Photographing Sports
- Rockhounding

## Creative Recreation USE Artistic Activities

## Hunting and Fishing

- Fishing
  - Clamming
  - Crabbing
  - Fresh Water Fishing
  - Float Fishing
  - Ice Fishing
  - Salt Water Fishing

## Hunting

- Bow Hunting
- Falconry

## Trapping

## Marksmanship

- Archery
- Clout Shooting

- Horseshoe Pitching
- Shuffleboard
- Skeet and Trap Shooting
- Target Shooting
- Nature Study
  - Observing Nature
    - Bird Watching
    - Nature Walking
- Outdoor Living
  - Camping
    - Day Camping
    - Family Camping
    - Group Camping
    - Primitive Camping
    - Resident Camping
    - School Camping
    - Transient Camping
  - Gardening
  - Outdoor Cooking
    - Barbecues
    - Campfire Cooking
  - Picnicking
- Play USE Recreation Activities
- Relaxation
- Social Recreation USE Social Activities
- Spectator Events
  - Animal Shows
    - Dog Trials
    - Horse Shows
  - Exhibitions UF Fairs; Festivals; Pageants
  - Fairs USE Exhibitions
  - Festivals USE Exhibitions
  - Pageants USE Exhibitions
  - Parades
  - Photography
  - Racing
    - Auto Racing
    - Bicycle Racing
    - Boat Racing
    - Horse Racing
  - Sound-and-Light Shows
  - Team Sports
- Touring and Exploring
  - Auto Touring
  - Boat Cruising
  - Excursions USE Touring
  - Exploring
    - Spelunking
  - Horseback Riding
  - Mountain Climbing
  - Oceanic Traveling USE Boat Cruising
  - Sightseeing USE Touring

Touring UF Excursions; Sightseeing; Tourism  
    Domestic Touring  
    Factory and Industrial Tours  
    Foreign Touring  
    Fully Inclusive Tours  
    Short-Term Touring  
    Vacation Touring  
Travelling  
    Air Travelling  
Trip Planning  
    Equipment Selecting  
    Travel Agencies  
Trips  
Vehicular Activities  
Walking  
    Hiking  
        Backpacking  
        Nature Walking  
Tourism USE Touring  
Track and Field Sports  
    Broad Jumping  
    Cross Country Racing  
    Dashing  
    Discus Throwing  
    Hammer Throwing  
    High Jumping  
    Hurdle Racing  
    Javelin Throwing  
    Jogging  
    Pole Vaulting  
    Relay Racing  
    Shot-Putting  
    Team Sports  
    Weight Throwing  
Vehicular Activities  
    Boating  
    Cycling  
        Bicycling  
        Motorcycling  
    Driving for Pleasure  
    Flying  
        Soaring  
    Kite Flying  
    Parachuting  
    Racing  
        Air Racing  
        Auto Racing  
        Bicycle Racing  
        Boat Racing  
        Horse Racing  
    Skating  
        Ice Skating  
        Roller Skating  
        Skateboarding  
    Sky Diving USE Parachuting

Water Sports    UF Aquatic Sports

Boat Racing

Boating

Canoeing

Iceboating

Motorboating

Rowing

Sailing

Yachting

Diving

Scuba Diving

Skin Diving

Snorkeling

Marine Activities    USE Water Sports

Rapids Running

River Touring

Surfing

Swimming

Wading

Water Polo

Water Skiing

Winter Sports

Curling

Ice Boating

Ice Fishing

Ice Hockey

Ice Skating

Sledding

Bobsledding

Sleigh Riding

Snow Skiing

Cross-Country Skiing

Downhill Skiing

Ski Jumping

Slalom Skiing

Snowmobiling

Snowshoeing

Team Sports

Tobogganing

G. Recreation Settings

Church Recreation

Commercial Recreation

Community Recreation

Family Recreation

Industrial Recreation

Institutional Recreation

International Recreation

Mental Recreation

Municipal Recreation

Organized Recreation

Physical Recreation

Private Non-Commercial Recreation

Public Recreation

Resource-Oriented Recreation  
 Rural Recreation  
 School Recreation  
 Seasonal Recreation  
 Social Recreation  
 Therapeutic Recreation  
 Urban Recreation  
 Visitor-Oriented Recreation

#### H. Recreation Use UF Attendance

Attendance USE Recreation Use  
 Experience  
     Pleasure  
 Peaking in Use  
     Crowding  
 Use Characteristics  
     Recreation Activities  
     Recreation Settings  
     Time of Participation  
         Holidays  
         Vacations  
         Weekdays  
         Weekends  
 Use Estimates  
     Estimation Techniques  
 Use Predictions  
     Prediction Techniques  
 Use Records  
     Units of Use  
         Activity Occasion  
         Duration of Experience  
         Recreation Day USE Visitor Day  
         User Day USE Visitor Day  
         User Trip  
         Visit  
         Visitor Day UF Recreation Day; User Day

#### I. User Characteristics

Ages  
 Attitudes  
 Cultures  
 Desires USE Wants  
 Deterrents to Recreation  
 Educational Backgrounds  
 Employable Skills  
 Ethnic Groups  
 Family Compositions  
 Human Races  
 Human Values  
 Leisure  
 Levels of Living  
 Mobility  
 Motivation

Needs for Recreation  
Occupations  
Participants USE Users  
Participation Rates  
Personal Incomes  
Places of Residence  
    Inner Cities  
    Metropolitan Areas  
    Rural Areas  
    Suburbs  
Population Characteristics  
    Population Distribution  
References  
Psychological Factors  
Recreation Skills  
Religions  
Sexes  
Social Conditions  
Standards of Living  
Users UF Passengers; Participants  
Wants UF Desires

J. User Types

Adults  
Aged UF Elderly; Retired; Senior Citizens  
Disabled Persons USE Handicapped Persons  
Elderly USE Aged  
Elementary School Children  
Guests USE Users  
Handicapped Persons UF Disabled  
Ill Persons  
Industrial Employees  
Local Residents  
Military Personnel  
Minority Groups  
Non-Local Residents  
Passengers USE Users  
Preschool Children  
Recreationists USE Users  
Retired USE Aged  
Senior Citizens USE Aged  
Special Interest Groups  
Teenagers  
Tourists UF Travelers  
Travelers USE Tourists  
Trends  
Users UF Passengers; Guests; Recreationists  
Young Adults  
Youth

## IV.

ECONOMIC ASPECTSA. Allocation of Resources

Economic Resource Allocation  
     Benefit-Cost Analysis   UF Cost-Benefit Analysis  
     Cost-Benefit Analysis   USE Benefit-Cost Analysis  
     Joint Production Analysis  
     Least-Cost Resource Allocation  
     Linear Programming  
     Market Prices  
     Maximum-Value Resource Allocation  
     Operations Research  
     Welfare Economics  
 Management Objectives  
     Philosophies of Resource Use  
     Policies of Management  
     Social Goals  
 Political Resource Allocation  
     Highest and Best Use  
     Multiple Use  
 Resource Characteristics  
     Accessibility of Resources  
         Driving Time  
     Competition Among Resource Uses  
     Demand for Resources  
     Exhaustibility of Resources  
     Mobility of Resources  
     Quality of Resources  
     Quantity of Resources   UF Scarcity of Resources  
     Scarcity of Resources   USE Quantity of Resources  
     Substitutibility of Resources  
 Resource Types  
     Flow Resources   USE Renewable Resources  
     Fund Resources   USE Nonrenewable Resources  
     Nonrenewable Resources  
     Renewable Resources

B. Benefits

Amount of Benefits  
     Benefit Allocations  
     Benefit Analysis  
         Benefit Comparisons  
         Benefit Determinations  
         Benefit Estimations  
         Benefit Predictions  
         Benefit-Cost Analysis   UF Cost-Benefit Analysis  
     Quality Impacts on Benefits  
 Benefits to Individuals  
 Benefits to Society

## Benefit Types

- Average Benefits
- Direct Benefits
- Indirect Benefits
- Induced Benefits
- Intangible Benefits
- Joint Benefits
- Long-Run Benefits
  - Deferred Benefits
- Marginal Benefits
- Non-Reimbursable Benefits
- Primary Benefits
- Reimbursable Benefits
- Secondary Benefits
- Separable Benefits
- Short-Run Benefits
  - Annual Benefits
- Social Benefits
- Tangible Benefits
  - Monetary Benefits
- Total Benefits
- User Benefits
- Regional Economic Benefits
  - Economic Development
    - Area Development
    - USE Economic Development

## C. Costs of Administration

### Cost Analysis

- Benefit-Cost Analysis
- Cost Allocations
- Cost Comparisons
- Cost Estimates
- Cost Functions
- Escalation of Costs
- Quality Impacts on Costs
- Scale Economies

### Cost Types

- Average Costs
- Direct Costs
- Fixed Costs
- Indirect Costs
- Induced Costs
- Intangible Costs
- Joint Costs
- Long-Run Costs
  - Deferred Costs
- Marginal Costs
- Non-Reimbursable Costs
- Opportunity Costs
- Primary Costs
- Reimbursable Costs
- Secondary Costs
- Separable Costs
- Short-Run Costs
  - Annual Costs
- Social Costs
- Sunk Costs



- Tangible Costs
- Total Costs
- Variable Costs
- Economic Costs USE Costs of Administration
- Expenditures by Management
- Operating Costs
  - Depreciation
  - Insurance Costs
  - Maintenance Costs
  - Marketing and Promotion Costs
  - Advertising Costs
  - Rent
  - Replacement Costs
  - Taxes
    - Business Taxes
    - Capital Gains Taxes
    - Excise Taxes UF Sales Taxes
    - Income Taxes
    - Motorboat Fuel Taxes USE Excise Taxes
    - Payments in Lieu of Taxes
    - Property Taxes
    - Recreation Taxes
    - Sales Taxes USE Excise Taxes
  - Utility Costs
- Production Costs
  - Capital Costs
    - Demand for Capital
    - Equipment Costs
    - Interest
    - Supply of Capital
  - Labor Costs USE Personnel Costs
  - Land Costs
  - Personnel Costs UF Labor Costs
- Purposes of Costs
  - Contingency Costs
  - Investment Costs
    - Acquisition Costs
      - Compensation
      - Condemnation Value
    - Development Costs
      - Capital Improvements
      - Construction Costs
      - Equipment Costs
      - Installation Costs
      - Waiting Costs
    - Initial Costs USE Investment Costs
  - Planning Costs
  - Operating Costs

#### D. Demand Theory

- Demand Estimation
  - Estimation Techniques
- Demand Factors USE Factors Affecting Use
- Demand Prediction
  - Prediction Techniques
- Effective Demand

Elasticity of Demand  
 Elasticity of Supply  
 Latent Demand  
 Satiation Principle  
 Substitution Effects

E. Economic Analysis UF Economic Studies

Capitalization  
 Complementarity  
 Cost Functions  
 Differentiation of Products  
 Diminishing Returns  
 Discounting  
 Disinvestment  
 Diversified Products  
 Economic Base  
 Economic Competition  
 Economic Conditions  
     Business Cycles  
 Economic Efficiency  
 Economic Factors  
 Economic Geography  
 Economic Indicators  
 Economic Justification  
 Economic Life  
 Economic Location  
 Economic Opportunity  
 Economic Planning  
 Economic Policies  
 Economic Resources  
     Capital  
     Labor  
     Land  
 External Economies and Diseconomies  
 Feasibility Studies  
     Economic Feasibility  
     Financial Feasibility  
 Financial Analysis  
 Input-Output Analysis  
 Limiting Factors  
 Location Analysis USE Location Theory  
 Location Theory UF Location Analysis  
 Macroeconomics  
 Marginal Analysis  
     Marginal Costs  
     Marginal Physical Products  
     Marginal Rates of Substitution  
     Marginal Revenues  
     Marginal Utility  
 Market Conditions  
     Economic Competition  
         Imperfect Economic Competition  
         Perfect Economic Competition

- Monopoly
  - Monopolistic Competition
  - Pure Monopoly
- Oligopoly
- Market Price Determination
- Market Surveys
- Maximization
  - Profit Maximization
  - Satisfaction Maximization
- Microeconomics
- Physical Product
- Pricing
- Product Distribution
- Proportionality
- Proration
- Resource Mix
- Returns to Scale
- Salvage Value
- Substitution Effects
  - Substitutable Activities
  - Substitutable Goods
  - Substitutable Resources
- Utility
- Value Product

#### F. Economic Impacts

- Benefits to Individuals
  - Financial Opportunities
  - Valuation of Recreation
- Benefits to Society
- Chain of Economic Impacts
  - Horizontal Economic Impacts
    - Private Properties
    - Public Agencies
    - Visitor Service Developments
    - Users
  - Vertical Economic Impacts
    - Distribution of Goods
    - Manufacturers
    - Primary Industries
    - Users
    - Wholesalers of Goods
- Direct Economic Impacts
  - Employment Opportunities
    - Seasonal Employment
    - Yearlong Employment
  - Intra-Regional Impacts
  - Personal Incomes
  - Profits USE Rates of Return
    - Gross Profits
    - Net Profits
    - Rates of Return USE Profits
  - Property Values
  - Receipts USE Revenues
  - Regional Development

- Revenues UF Receipts
- Taxes
- Economic Studies USE Economic Analysis
- Indirect Economic Impacts
  - Community Gains USE Indirect Economic Impacts
  - Economic Leakage
    - Inter-Regional Impacts
  - Economic Multipliers
  - Land Value Appreciation
    - Escalation of Costs
  - Profits
  - Speculation USE Escalation of Costs
  - Sporting Goods Industry
  - Supporting Enterprises
  - Tourist Trade

#### G. Economic Valuation

- Feasibility Studies
  - Economic Feasibility
  - Financial Feasibility
- Highest and Best Use
- Intangible Values
- Pricing
- Valuation Techniques
  - Valuation of Intangible Benefits
    - Market Values
    - Salvage Values
  - Valuation of Recreation
  - Valuation of Tangible Benefits
    - Appraisals
    - Condemnation Values
    - Income Capitalizations
    - Returns on Investment
    - Value of Products

#### H. Expenditures by Users

- Accommodation Expenditures
- Clothing Expenditures
- Equipment Expenditures
- Fees UF User Charges
  - Boat Rentals
  - Entrance Fees
  - Grazing Fees
  - Guide Fees
  - Membership Fees
  - Migratory Bird Hunting Stamps
  - Recreation Leases
  - Tour Fees
  - User Charges USE Fees
- Food Expenditures
- Taxes
- Tourist Trade
- Transportation Expenditures

**I. Revenues**

Average Revenues  
Fixed Revenues  
Gross Revenues  
Long-Run Revenues  
    Deferred Revenues  
Marginal Revenues  
Net Revenues  
Short-Run Revenues  
    Annual Revenues  
Total Revenues  
Variable Revenues

## V.

SUPPORTING INFORMATIONA. Education

Accreditation

Certification

Concepts

Educational Levels

College Education USE Higher Education

Higher Education UF College Education

Primary Education

Secondary Education

Educational Personnel

Educational Administrators

Educators UF Teachers; Professors

Professors USE Educators

Teachers USE Educators

Knowledge

Applied Arts

Aesthetics

Landscape Architecture

Biological Sciences

Botany

Ecology

Forestry

Wildlife Management

Zoology

Communications

Composition

Computer Science

Interpretation

Report Writing

Speech

Earth Sciences

Geology

Oceanography

Soils

Education

Conservation Education USE Environmental Education

Environmental Education UF Conservation Education;

Outdoor Education

Outdoor Education USE Environmental Education

Physical Education

Professional Education

Subprofessional Education

Survival Education

Engineering

Civil Engineering

Environmental Engineering

Hydraulic Engineering

Sanitary Engineering

## Fine Arts

- Painting
- Sculpture

## Integrative Disciplines

- City Planning
- Conflict Resolution
- Conservation
- Decision Theory
- Geography
  - Human Geography
- Information Theory
- Management Science
- Recreation Theory
- Regional Planning

## Medical Sciences

- Health
- Psychiatry

## Performing Arts

- Dancing
- Drama
- Music

## Social Sciences

- Anthropology
  - Ethnology
- Archeology
- Business Administration
- Demography
- Economics
- History
- Law
- Law Enforcement
- Political Science
- Psychology
- Public Administration
- Public Relations
- Social Psychology
- Sociology

## Media for Education

- Colleges and Universities
- Curricula
- Demonstration Areas
- Educational Equipment
- Extension Courses
- Field Trips
- Graduate Study
- Group Work
- Interpretive Facilities
- In-Service Training
- Meetings and Conferences
- Primary Schools
- Recreation Schools
- Secondary Schools
- Seminars USE Workshop Conferences; Short Courses
- Short Courses UF Seminars

Sports Instruction USE Coaching  
 Training Centers  
 Undergraduate Study  
 Universities  
 Workshop Conferences UF Seminars  
 Motivation  
 Professional Accreditation USE Accreditation  
 Reference Materials USE Sources of Information

B. Research

Research Ideas  
 Research Planning  
 Research Plans  
 Research Projects  
 Research Process UF Scientific Method  
     Alternative Solutions  
     Conclusions  
     Problem Identification  
     Recommendations  
     Selection of Information  
     Selection of Objectives  
     Tests of Alternative Solutions  
 Research Programs  
 Research Proposals  
 Research Results  
 Scientific Method USE Research Process

C. Research Methods UF Methodology

Analytical Techniques  
     Critical Path Technique  
     Systems Analysis  
 Coding  
 Data Storage and Retrieval  
     Electronic Data Processing  
     Computer Programming  
 Experimental Design  
 Inventories  
 Mapping Techniques  
 Mathematical Models  
 Measurement Techniques  
 Methodology USE Research Methods  
 Photogrammetry  
 Scientific Method USE Research Process  
 Statistical Techniques  
     Estimation Techniques  
     Measurement Units  
         Activity Occasions  
         Attraction Indexes  
         Duration of Trips  
         Indices  
         Length of Visits  
         Needs for Recreation  
         Preferences



User Days  
 User Trips  
 Vehicle Trips  
 Visitor Days  
 Visits  
 Prediction Techniques  
 Sampling Methods USE Sampling Techniques  
 Sampling Techniques UF Sampling Methods  
 Standard Metropolitan Statistical Area  
 Survey Techniques  
 Valuation Techniques  
 Experience  
 Indices  
 Needs for Recreation  
 Pleasure

D. Sources of Information UF Reference Materials

Abstracts  
 Administrative Regulations  
 Atlases  
 Bibliographies  
 Biographies  
 Case Studies  
 Classification Systems  
     Classifications of Resources  
 Data Banks  
 Definitions  
 Dictionaries  
 Directories  
 Documentation  
 Encyclopedias  
 File  
 Glossaries  
 Handbooks and Manuals  
 Indexes  
 Information Systems UF Literature Retrieval Services; Retrieval  
     Services  
 Legislative Hearings  
 Legislative Reports  
 Libraries  
 Literature Retrieval Service USE Information Systems  
 Maps  
     Topographic Maps  
 Periodicals  
 Photographs  
     Aerial Photographs  
 Polls USE Surveys  
 Proceedings of Meetings  
 Registrations  
 Reports  
 Research  
 Retrieval Services USE Information Systems  
 Scientific Method USE Research Process  
 Special Collections

Speeches

Studies

Surveys UF Polls; Interviews; Questionnaires

Interviews USE Surveys

Market Surveys UF Preference Surveys

Preference Surveys USE Market Surveys

Questionnaires USE Surveys

Transportation Surveys

Thesauri